SFML

* [Main Page](http://docs.google.com/index.htm)
* [Modules](http://docs.google.com/modules.htm)
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* [Files](http://docs.google.com/files.htm)
* [File List](http://docs.google.com/files.htm)
* [include](http://docs.google.com/dir_f3190241575fd2bd132a392ae6942f4a.htm)
* [SFML](http://docs.google.com/dir_692f376662c82a26cfe4cfa3aceebe24.htm)
* [Graphics](http://docs.google.com/dir_aaa96c3797a59111c2945d0d638ce5cf.htm)

Color.hpp

1

2 //

3 // SFML - Simple and Fast Multimedia Library

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5 //

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22 //

24

25 #ifndef SFML\_COLOR\_HPP

26 #define SFML\_COLOR\_HPP

27

29 // Headers

31 #include <SFML/Graphics/Export.hpp>

32

33

34 namespace sf

35 {

[40](http://docs.google.com/classsf_1_1Color.htm) class SFML\_GRAPHICS\_API [Color](http://docs.google.com/classsf_1_1Color.htm)

41 {

42 public :

43

51  [Color](http://docs.google.com/classsf_1_1Color.htm)();

52

62  [Color](http://docs.google.com/classsf_1_1Color.htm)(Uint8 red, Uint8 green, Uint8 blue, Uint8 alpha = 255);

63

65  // Static member data

[67](http://docs.google.com/classsf_1_1Color.htm#a77c688197b981338f0b19dc58bd2facd)  static const [Color](http://docs.google.com/classsf_1_1Color.htm) [Black](http://docs.google.com/classsf_1_1Color.htm#a77c688197b981338f0b19dc58bd2facd);

[68](http://docs.google.com/classsf_1_1Color.htm#a4fd874712178d9e206f53226002aa4ca)  static const [Color](http://docs.google.com/classsf_1_1Color.htm) [White](http://docs.google.com/classsf_1_1Color.htm#a4fd874712178d9e206f53226002aa4ca);

[69](http://docs.google.com/classsf_1_1Color.htm#a127dbf55db9c07d0fa8f4bfcbb97594a)  static const [Color](http://docs.google.com/classsf_1_1Color.htm) [Red](http://docs.google.com/classsf_1_1Color.htm#a127dbf55db9c07d0fa8f4bfcbb97594a);

[70](http://docs.google.com/classsf_1_1Color.htm#a95629b30de8c6856aa7d3afed12eb865)  static const [Color](http://docs.google.com/classsf_1_1Color.htm) [Green](http://docs.google.com/classsf_1_1Color.htm#a95629b30de8c6856aa7d3afed12eb865);

[71](http://docs.google.com/classsf_1_1Color.htm#ab03770d4817426b2614cfc33cf0e245c)  static const [Color](http://docs.google.com/classsf_1_1Color.htm) [Blue](http://docs.google.com/classsf_1_1Color.htm#ab03770d4817426b2614cfc33cf0e245c);

[72](http://docs.google.com/classsf_1_1Color.htm#af8896b5f56650935f5b9d72d528802c7)  static const [Color](http://docs.google.com/classsf_1_1Color.htm) [Yellow](http://docs.google.com/classsf_1_1Color.htm#af8896b5f56650935f5b9d72d528802c7);

[73](http://docs.google.com/classsf_1_1Color.htm#a6fe70d90b65b2163dd066a84ac00426c)  static const [Color](http://docs.google.com/classsf_1_1Color.htm) [Magenta](http://docs.google.com/classsf_1_1Color.htm#a6fe70d90b65b2163dd066a84ac00426c);

[74](http://docs.google.com/classsf_1_1Color.htm#a64ae9beb0b9a5865dd811cda4bb18340)  static const [Color](http://docs.google.com/classsf_1_1Color.htm) [Cyan](http://docs.google.com/classsf_1_1Color.htm#a64ae9beb0b9a5865dd811cda4bb18340);

[75](http://docs.google.com/classsf_1_1Color.htm#a569b45471737f770656f50ae7bbac292)  static const [Color](http://docs.google.com/classsf_1_1Color.htm) [Transparent](http://docs.google.com/classsf_1_1Color.htm#a569b45471737f770656f50ae7bbac292);

76

78  // Member data

[80](http://docs.google.com/classsf_1_1Color.htm#a6a5256ca24a4f9f0e0808f6fc23e01e1)  Uint8 [r](http://docs.google.com/classsf_1_1Color.htm#a6a5256ca24a4f9f0e0808f6fc23e01e1);

[81](http://docs.google.com/classsf_1_1Color.htm#a591daf9c3c55dea830c76c962d6ba1a5)  Uint8 [g](http://docs.google.com/classsf_1_1Color.htm#a591daf9c3c55dea830c76c962d6ba1a5);

[82](http://docs.google.com/classsf_1_1Color.htm#a6707aedd0609c8920e12df5d7abc53cb)  Uint8 [b](http://docs.google.com/classsf_1_1Color.htm#a6707aedd0609c8920e12df5d7abc53cb);

[83](http://docs.google.com/classsf_1_1Color.htm#a56dbdb47d5f040d9b78ac6a0b8b3a831)  Uint8 [a](http://docs.google.com/classsf_1_1Color.htm#a56dbdb47d5f040d9b78ac6a0b8b3a831);

84 };

85

98 SFML\_GRAPHICS\_API bool operator ==(const [Color](http://docs.google.com/classsf_1_1Color.htm)& left, const [Color](http://docs.google.com/classsf_1_1Color.htm)& right);

99

112 SFML\_GRAPHICS\_API bool operator !=(const [Color](http://docs.google.com/classsf_1_1Color.htm)& left, const [Color](http://docs.google.com/classsf_1_1Color.htm)& right);

113

127 SFML\_GRAPHICS\_API [Color](http://docs.google.com/classsf_1_1Color.htm) operator +(const [Color](http://docs.google.com/classsf_1_1Color.htm)& left, const [Color](http://docs.google.com/classsf_1_1Color.htm)& right);

128

144 SFML\_GRAPHICS\_API [Color](http://docs.google.com/classsf_1_1Color.htm) operator \*(const [Color](http://docs.google.com/classsf_1_1Color.htm)& left, const [Color](http://docs.google.com/classsf_1_1Color.htm)& right);

145

160 SFML\_GRAPHICS\_API [Color](http://docs.google.com/classsf_1_1Color.htm)& operator +=([Color](http://docs.google.com/classsf_1_1Color.htm)& left, const [Color](http://docs.google.com/classsf_1_1Color.htm)& right);

161

178 SFML\_GRAPHICS\_API [Color](http://docs.google.com/classsf_1_1Color.htm)& operator \*=([Color](http://docs.google.com/classsf_1_1Color.htm)& left, const [Color](http://docs.google.com/classsf_1_1Color.htm)& right);

179

180 } // namespace sf

181

182

183 #endif // SFML\_COLOR\_HPP

184

185

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