

What is the hex value of: 0x66 & 0x39

Time limit

```
0110 0110
&0011 1001
-----
0010 0000
```

In hexadecimal format, it is 0x20  
& is bitwise AND operation!

Answer options

Single select ▼

Image library

Upload image

YouTube link

▲ 0x20



◆ 0x7F



● 0x00



■ 0x01



# What is the hex value of: 0x66 | 0x39

Time limit

60

```
0110 0110
| 0011 1001
0111 1111
```

In hexadecimal format, it is 0x7F  
| is bitwise OR operation!

Answer options

Single select ▼

Image library

Upload image

YouTube link

▲ 0x20



◆ 0x7F



● 0x00



■ 0x01



# What is the hex value of: ~0x66 | ~0x39

Time limit

60

~0110 0110 -> 1001 1001  
~0011 1001 -> 1100 0110

```
1001 1001
| 1100 0110
1101 1111
```

In hexadecimal format, it is 0xDF

| is bitwise or operation!, ~ is bitwise NOT operation



0x20



0xDF



0x00



0x01



# What is the hex value of: 0x66 & !0x39

Time limit

```
0110 0110
& 0000 0000
-----
0000 0000
```

! Is logical not operation. Turns any number other than 0 to 1. Turns 0 to 0

Single select ▼

Image library

Upload image

YouTube link

▲ 0x20



◆ 0xDF



● 0x00



■ 0x01



# What is the hex value of: 0x66 && 0x39

Time limit

&& is logical AND operation

Logical value of 0x66 is 1, which is 0x01 in hex

Logical value of 0x39 is 1, which is 0x01 in hex

1&&1 is 1, which is 0x01 in hex

▲ 0x20



◆ 0xDF



● 0x00



■ 0x01



# What is the hex value of: !0x66 || !0x39

|| is logical OR operation

Logical value of !0x66 is 0, which is 0x00 in hex

Logical value of 0x39 is 0, which is 0x00 in hex

0 || 0 is 0, which is 0x00 in hex

▲ 0x20



◆ 0x7F



● 0x00



■ 0x01



# What is the hex value of: 0x66 && ~0x39

&& is logical AND operation

Logical value of 0x66 is 1, which is 0x01 in hex

Logical value of ~0x39 is 1, which is 0x01 in hex(~ is bitwise NOT, ~0x39 is still not a logical 0)

1&&1 is 1, which is 0x01 in hex

▲ 0x20



◆ 0x7F



● 0x00



■ 0x01



What is the hex value of: 0x66 || 0x39

|| is logical OR operation

Logical value of 0x66 is 1, which is 0x01 in hex

Logical value of 0x39 is 1, which is 0x01 in hex

1 || 1 is 1, which is 0x01 in hex

▲ 0x20



◆ 0x7F



● 0x00



■ 0x01

