Style Resource

A style resource defines the format and look for a UI. A style can be applied to an individual `View (/reference/android/view/View.html)` (from within a layout file) or to an entire `Activity (/reference/android/app/Activity.html)` or application (from within the manifest file).

For more information about creating and applying styles, please read Styles and Themes (/guide/topics/ui/themes.html).

> **Note:** A style is a simple resource that is referenced using the value provided in the `name` attribute (not the name of the XML file). As such, you can combine style resources with other simple resources in the one XML file, under one `<resources>` element.

FILE LOCATION:
> `res/values/`*`filename`*`.xml`
> The filename is arbitrary. The element's `name` will be used as the resource ID.

RESOURCE REFERENCE:
> In XML: `@[package:]style/`*`style_name`*

SYNTAX:

```xml
<?xml version="1.0" encoding="utf-8"?>
<resources>
    <style
        name="style_name"
        parent="@[package:]style/style_to_inherit">
        <item
            name="[package:]style_property_name"
            >style_value</item>
    </style>
</resources>
```

ELEMENTS:

> `<resources>`
>> **Required.** This must be the root node.
>>
>> No attributes.
>
> `<style>`
>> Defines a single style. Contains `<item>` elements.
>>
>> attributes:
>>
>> `name`
>>> *String.* **Required.** A name for the style, which is used as the resource ID to apply the style to a View, Activity, or application.
>>
>> `parent`
>>> *Style resource.* Reference to a style from which this style should inherit style properties.
>
> `<item>`
>> Defines a single property for the style. Must be a child of a `<style>` element.
>>
>> attributes:
>>
>> `name`
>>> *Attribute resource.* **Required.** The name of the style property to be defined, with a package prefix if necessary (for example `android:textColor`).

EXAMPLE:

XML file for the style (saved in `res/values/`):

```xml
<?xml version="1.0" encoding="utf-8"?>
<resources>
    <style name="CustomText" parent="@style/Text">
        <item name="android:textSize">20sp</item>
        <item name="android:textColor">#008</item>
    </style>
</resources>
```

XML file that applies the style to a <u>TextView</u> (saved in `res/layout/`):

```xml
<?xml version="1.0" encoding="utf-8"?>
<EditText
    style="@style/CustomText"
    android:layout_width="fill_parent"
    android:layout_height="wrap_content"
    android:text="Hello, World!" />
```