

Converting Colors

Android(4278217958)

Have a look what the booklet for
Android(4278217958) contains.

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Color

Android(4278217958)

Conversions

Conversions Part 1

Format	Color
Hex	006CE6
RGB	0, 108, 230
RGB Percent	0%, 42%, 90%
CMY	1.0000, 0.5765, 0.0980
CMYK	1.00, 0.53, 0.00, 0.10
HSL	212°, 100%, 45%
HSV	212°, 100%, 90%
XYZ	19.6455, 16.4383, 77.0004
YIQ	89.6160, -103.5300, 15.0460

Conversions

Conversions Part 2

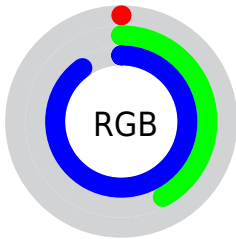
Format	Color
RYB	0, 73, 230
Decimal	27878
CIELab	47.54, 21.73, -68.63
CIELCh	48, 71.985, 287.569
Yxy	16.4383, 0.1737, 0.1454
Android (android.graphics.Color)	4278217958 (0xFF006CE6)
YUV	89.6160, 69.2093, -78.5932
Hunter-Lab	40.5442, 15.5391, -84.2211

Details

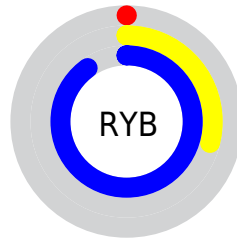
The Android color `4278217958` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark washed azure. A complement of this color would be `4293294592`, and the grayscale version is `4284045657`.

A 20% lighter version of the original color is `4285177855`, and `4278206125` is the 20% darker color. If you saturate the color by 10%, you get `4278217958`, and if you desaturate by 10%, it is `4279728358`.

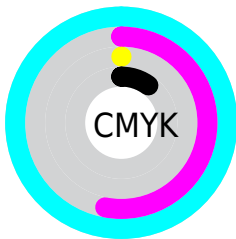
Distribution



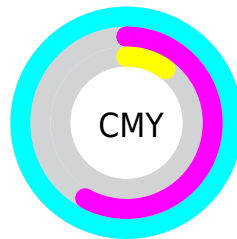
- Red (0%)
- Green (42%)
- Blue (90%)



- Red (0%)
- Yellow (29%)
- Blue (90%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (58%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278217958 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4278217958 by changing the saturation by 10% instead.

 4278217958

 4278217958

4294967295

 4278211785

 4285177855


 4278206125

 4287347199

 4278200978

 4289451519

 4278196344

 4291555839

 4278191710

 4293591039

 4278192197

 4278191150

 4278190360

 4278190080

 4278217958

 4279728358

 4281238758

 4282749414

 4284259814

 4285770214

 4287280614

 4288791014

 4290301670

 4291812070

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4278223080



4278217958



4288564420

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4278217958



4291118867



4278225237

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4278217958



4293294592

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4278223884



4278217958



4288570624

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4278217958



4292420176



4285036800



4278225812

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4278217958



4290982560



4285036800



4278224959

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4278217958



4289976063



4278249079



4283590528



4278190080



4286611584

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4278217958



4278221055



4278452454



4284968307



4278211763



4278196275

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4293263468



4294901880



4293060096



4285753197



4289921108



4281532440

Previews

White Background



This preview shows how the Android color 4278217958 looks on a white background.

Color Contrast Check

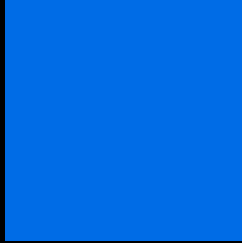
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4278217958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

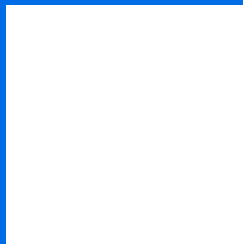
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4278217958 Background



This preview shows how black text looks on a background with the Android color 4278217958.



This preview shows how white text looks on a background with the Android color 4278217958.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

4278217958

Protanopia

4278611174

Deuteranopia

4278219719

Trichromacy



Original Color
4278217958

Protanomaly
4278480102

Deuteranomaly
4278218962

Tritanomaly
4278220712

Monochromacy



Original Color
4278217958

Achromatopsia
4284111450

Achromatomaly
4281950605

CSS Examples

Text

The CSS property to change the color of the text to Android 4278217958 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 108, 230)` looks like.

```
.text, #text, p{  
    color:rgb(0, 108, 230)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 108, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 108, 230) }
```

Border

The CSS property to change the border of an element to Android 4278217958 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 108, 230) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(0, 108, 230) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 108, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 108, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 108, 230);  
box-shadow:4px 4px 4px 4px rgb(0, 108,  
230) }
```

Background

The CSS property to change the background color of an element to Android 4278217958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 108, 230) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 108,  
230) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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