

Converting Colors

Android(4278994658)

Have a look what the booklet for
Android(4278994658) contains.

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Color

Android(4278994658)

Conversions

Conversions Part 1

Format	Color
Hex	0C46E2
RGB	12, 70, 226
RGB Percent	5%, 27%, 89%
CMY	0.9529, 0.7255, 0.1137
CMYK	0.95, 0.69, 0.00, 0.11
HSL	224°, 90%, 47%
HSV	224°, 95%, 89%
XYZ	16.0692, 9.9495, 73.0250
YIQ	70.4420, -84.6440, 36.2200

Conversions

Conversions Part 2

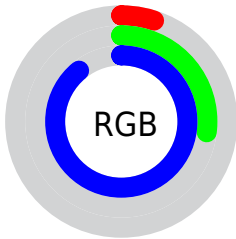
Format	Color
RYB	12, 58, 226
Decimal	804578
CIELab	37.75, 44.79, -82.39
CIELCh	38, 93.777, 298.528
Yxy	9.9495, 0.1622, 0.1005
Android (android.graphics.Color)	4278994658 (0xFF0C46E2)
YUV	70.4420, 76.6901, -51.2536
Hunter-Lab	31.5428, 35.7357, -115.1829




Details

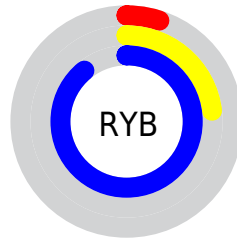
The Android color `4278994658` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark washed blue. A complement of this color would be `4293044236`, and the grayscale version is `4282795590`.




A 20% lighter version of the original color is `4285429503`, and `4278197161` is the 20% darker color. If you saturate the color by 10%, you get `4278205922`, and if you desaturate by 10%, it is `4280506082`.

Distribution







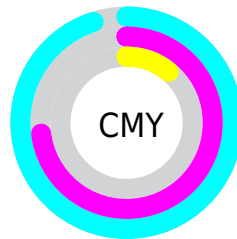
-  Red (5%)
-  Green (27%)
-  Blue (89%)






-  Red (5%)
-  Yellow (23%)
-  Blue (89%)



-  Cyan (95%)
-  Magenta (69%)
-  Yellow (0%)
-  Black (11%)



-  Cyan (95%)
-  Magenta (73%)
-  Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278994658 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 4278994658 by changing the saturation by 10% instead.

 4278994658

 4278994658

4294967295

 4278202565

 4285429503

 4278197161

 4287598847

 4278193038

 4289702911

 4278190195

 4291806975

 4278193497

 4293911295

 4278191937

 4278190890

 4278190356

 4278190080

■ 4278994658

■ 4278994658

■ 4278205922

■ 4280506082

■ 4281952226

■ 4283463650

■ 4284909794

■ 4286421218

■ 4287932898

■ 4289378786

■ 4290890466

■ 4292336354

Harmonies

Analogous

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



4278216693



4278994658



4289331370

Triad

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



4278994658



4289211136



4278219603

Complementary

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



4278994658



4293044236

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.



4278218752



4278994658



4285552128

Square

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



4278994658



4291559447



4279658496



4278220193

Rectangle

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



4278994658



4291428473



4279658496



4278219320

Sweetspot

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



4278994658



4290300927



4279034533



4283719808



4278190080



4286611584

Same Dimension

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



4278994658



4278207999



4281994466



4284835952



4278202544



4278193456

Inverse Universe

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



4293004358



4294901829



4290044428



4285556072



4289724464



4281335821

Previews

White Background



This preview shows how the Android color 4278994658 looks on a white background.

Color Contrast Check

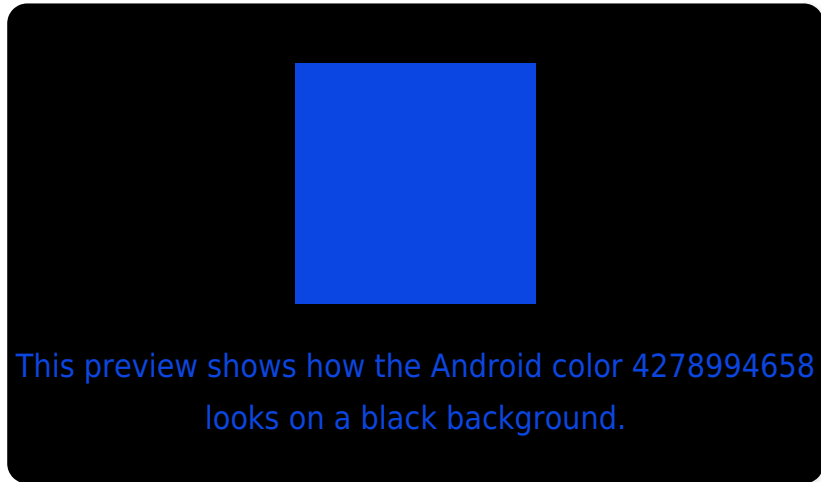
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4278994658 Background



This preview shows how black text looks on a background with the Android color 4278994658.



This preview shows how white text looks on a background with the Android color 4278994658.

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

4278994658

Protanopia

4278212019

Deuteranopia

4278213529

Trichromacy



Original Color
4278994658

Protanomaly
4278472900

Deuteranomaly
4278473652

Tritanomaly
4278474900

Monochromacy



Original Color
4278994658

Achromatopsia
4282795590

Achromatomaly
4281419391

CSS Examples

Text

The CSS property to change the color of the text to Android 4278994658 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(12, 70, 226)` looks like.

```
.text, #text, p{  
    color:rgb(12, 70, 226)  
}
```

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(12, 70, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 70, 226) }
```

Border

The CSS property to change the border of an element to Android 4278994658 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(12, 70, 226) }
```

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

```
.border{ border-color:rgb(12, 70, 226) }
```

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

Here you see how a box with a 4 pixel rgb(12, 70, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 70, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 70, 226);  
box-shadow:4px 4px 4px 4px rgb(12, 70,  
226) }
```

Background

The CSS property to change the background color of an element to Android 4278994658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 70, 226) }
```

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

```
.background{ background-color: rgb(12, 70,  
226) }
```

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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