

Converting Colors

Android(4278220008)

Have a look what the booklet for
Android(4278220008) contains.

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Color

Android(4278220008)

Conversions

Conversions Part 1

Format	Color
Hex	0074E8
RGB	0, 116, 232
RGB Percent	0%, 45%, 91%
CMY	1.0000, 0.5451, 0.0902
CMYK	1.00, 0.50, 0.00, 0.09
HSL	210°, 100%, 45%
HSV	210°, 100%, 91%
XYZ	20.8109, 18.3170, 78.7826
YIQ	94.5400, -106.3720, 11.4840

Conversions

Conversions Part 2

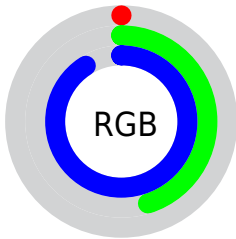
Format	Color
RYB	0, 77, 232
Decimal	29928
CIELab	49.88, 17.40, -65.97
CIELCh	50, 68.224, 284.779
Yxy	18.3170, 0.1765, 0.1553
Android (android.graphics.Color)	4278220008 (0xFF0074E8)
YUV	94.5400, 67.7678, -82.9116
Hunter-Lab	42.7983, 11.8993, -79.1814

Details

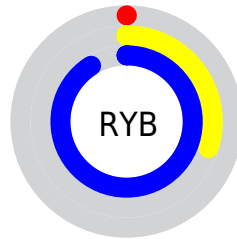
The Android color `4278220008` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark washed azure. A complement of this color would be `4293424128`, and the grayscale version is `4284374622`.

A 20% lighter version of the original color is `4285179903`, and `4278207919` is the 20% darker color. If you saturate the color by 10%, you get `4278220008`, and if you desaturate by 10%, it is `4279730408`.

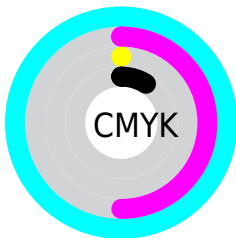
Distribution



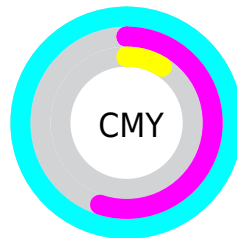
- Red (0%)
- Green (45%)
- Blue (91%)



- Red (0%)
- Yellow (30%)
- Blue (91%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (55%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278220008 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 4278220008 by changing the saturation by 10% instead.

 4278220008

 4278220008

4294967295

 4278213835

 4285179903

 4278207919

 4287415039

 4278202516

 4289519359

 4278197882

 4291558143

 4278190688

 4293591039

 4278192199

 4278191152

 4278190362

 4278190080

■ 4278220008

■ 4279730408

■ 4281240552

■ 4282816488

■ 4284326632

■ 4285837032

■ 4287347432

■ 4288857576

■ 4290433512

■ 4291943656

Harmonies

Analogous

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



4278224615



4278220008



4288436426

Triad

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



4278220008



4291579173



4278226518

Complementary

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



4278220008



4293424128

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.



4280977686



4278220008



4289161472

Square

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



4278220008



4292621149



4285889792



4278227091

Rectangle

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



4278220008



4290921385



4285889792



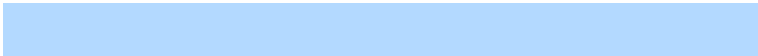
4278226242

Sweetspot

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



4278220008



4289976831



4278249588



4283591040



4278190080



4286611584

Same Dimension

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



4278220008



4278223103



4278190312



4284968307



4278213043



4278196787

Inverse Universe

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



4293394548



4294901888



4293453824



4285753197



4289921113



4281532442

Previews

White Background



This preview shows how the Android color 4278220008 looks on a white background.

Color Contrast Check

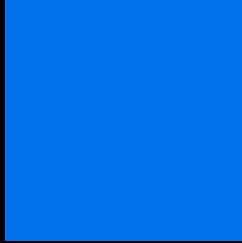
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278220008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

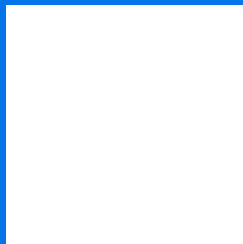
Any Text WCAG AAA × Fail

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

Android 4278220008 Background



This preview shows how black text looks on a background with the Android color 4278220008.



This preview shows how white text looks on a background with the Android color 4278220008.

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

4278220008

Protanopia

4281365222

Deuteranopia

4278221266

Trichromacy



Original Color
4278220008

Protanomaly
4280251367

Deuteranomaly
4278220762

Tritanomaly
4278222509

Monochromacy



Original Color
4278220008

Achromatopsia
4284440415

Achromatomaly
4282148753

CSS Examples

Text

The CSS property to change the color of the text to Android 4278220008 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, 116, 232)` looks like.

```
.text, #text, p{  
    color:rgb(0, 116, 232)  
}
```

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, 116, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 116, 232) }
```

Border

The CSS property to change the border of an element to Android 4278220008 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, 116, 232) }
```

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

```
.border{ border-color:rgb(0, 116, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 116, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 116, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 116, 232);  
box-shadow:4px 4px 4px 4px rgb(0, 116,  
232) }
```

Background

The CSS property to change the background color of an element to Android 4278220008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 116, 232) }
```

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

```
.background{ background-color: rgb(0, 116,  
232) }
```

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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