

Converting Colors

Android(4278220007)

Have a look what the booklet for
Android(4278220007) contains.

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Color

Android(4278220007)

Conversions

Conversions Part 1

Format	Color
Hex	0074E7
RGB	0, 116, 231
RGB Percent	0%, 45%, 91%
CMY	1.0000, 0.5451, 0.0941
CMYK	1.00, 0.50, 0.00, 0.09
HSL	210°, 100%, 45%
HSV	210°, 100%, 91%
XYZ	20.6692, 18.2603, 78.0365
YIQ	94.4260, -106.0510, 11.1730

Conversions

Conversions Part 2

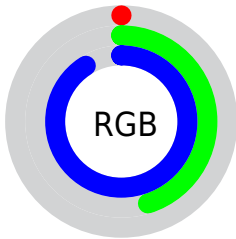
Format	Color
RYB	0, 77, 231
Decimal	29927
CIELab	49.81, 17.01, -65.52
CIElCh	50, 67.688, 284.555
Yxy	18.2603, 0.1767, 0.1561
Android (android.graphics.Color)	4278220007 (0xFF0074E7)
YUV	94.4260, 67.3310, -82.8116
Hunter-Lab	42.7321, 11.5580, -78.3618

Details

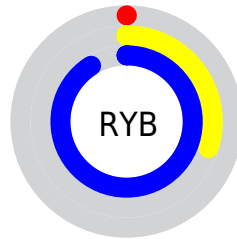
The Android color `4278220007` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark washed azure. A complement of this color would be `4293358336`, and the grayscale version is `4284374622`.

A 20% lighter version of the original color is `4285179903`, and `4278207918` is the 20% darker color. If you saturate the color by 10%, you get `4278220007`, and if you desaturate by 10%, it is `4279730151`.

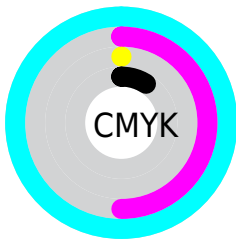
Distribution



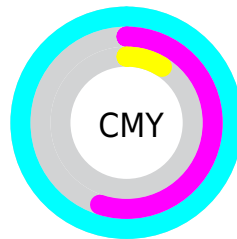
- Red (0%)
- Green (45%)
- Blue (91%)



- 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 4278220007 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 4278220007 by changing the saturation by 10% instead.



4278220007



4278220007

4294967295



4278213834



4285179903



4278207918



4287349503



4278202515



4289453823



4278197881



4291492607



4278190687



4293591039



4278192198



4278191151



4278190361



4278190080

■ 4278220007

■ 4279730151

■ 4281240551

■ 4282750695

■ 4284261095

■ 4285836775

■ 4287347175

■ 4288857319

■ 4290367719

■ 4291877863

Harmonies

Analogous

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



4278224614



4278220007



4288371145

Triad

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



4278220007



4291579174



4278226518

Complementary

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



4278220007



4293358336

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.



4281108502



4278220007



4289161472

Square

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



4278220007



4292555869



4285889792



4278227090

Rectangle

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



4278220007



4290855849



4285889792



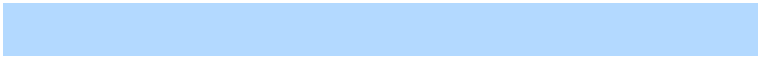
4278226242

Sweetspot

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



4278220007



4289976831



4278249328



4283591040



4278190080



4286611584

Same Dimension

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



4278220007



4278223103



4278191335



4284968307



4278213299



4278196787

Inverse Universe

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



4293329012



4294901888



4293387008



4285753197



4289921114



4281532442

Previews

White Background



This preview shows how the Android color 4278220007 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 4278220007 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

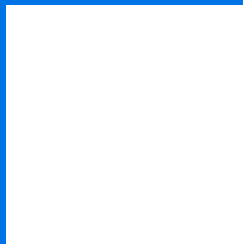
Any Text WCAG AAA × Fail

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

Android 4278220007 Background



This preview shows how black text looks on a background with the Android color 4278220007.



This preview shows how white text looks on a background with the Android color 4278220007.

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



Trichromacy



Original Color
4278220007

Protanomaly
4280251366

Deuteranomaly
4278220762

Tritanomaly
4278222508

Monochromacy



Original Color
4278220007

Achromatopsia
4284374622

Achromatomaly
4282148496

CSS Examples

Text

The CSS property to change the color of the text to Android 4278220007 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, 231)` looks like.

```
.text, #text, p{  
    color:rgb(0, 116, 231)  
}
```

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, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 116, 231) }
```

Border

The CSS property to change the border of an element to Android 4278220007 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, 231) }
```

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

```
.border{ border-color:rgb(0, 116, 231) }
```

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, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 116, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 116, 231);  
box-shadow:4px 4px 4px 4px rgb(0, 116,  
231) }
```

Background

The CSS property to change the background color of an element to Android 4278220007 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, 231) }
```

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

```
.background{ background-color: rgb(0, 116,  
231) }
```

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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