

Converting Colors

Android(4278606820)

Have a look what the booklet for
Android(4278606820) contains.

Android(4278606820)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278606820)

Conversions

Conversions Part 1

Format	Color
Hex	065BE4
RGB	6, 91, 228
RGB Percent	2%, 36%, 89%
CMY	0.9765, 0.6431, 0.1059
CMYK	0.97, 0.60, 0.00, 0.11
HSL	217°, 95%, 46%
HSV	217°, 97%, 89%
XYZ	17.8198, 13.1223, 74.9924
YIQ	81.2030, -94.6370, 24.5870

Conversions

Conversions Part 2

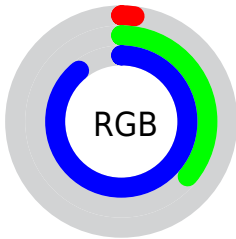
Format	Color
R _{YB}	6, 67, 228
Decimal	416740
CIE Lab	42.95, 32.09, -74.99
CIE LCh	43, 81.568, 293.166
Yxy	13.1223, 0.1682, 0.1239
Android (android.graphics.Color)	4278606820 (0xFF065BE4)
YUV	81.2030, 72.3709, -65.9530
Hunter-Lab	36.2248, 24.4149, -97.3848

Details

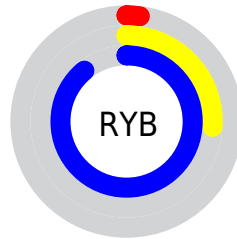
The Android color `4278606820` is a dark color, and the websafe version is hex `0066FF`. The color can be described as dark washed blue. A complement of this color would be `4293168902`, and the grayscale version is `4283519313`.

A 20% lighter version of the original color is `4285304063`, and `4278202283` is the 20% darker color. If you saturate the color by 10%, you get `4278212580`, and if you desaturate by 10%, it is `4280117732`.

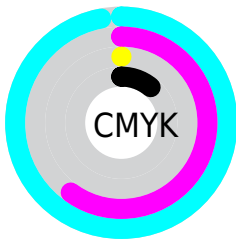
Distribution



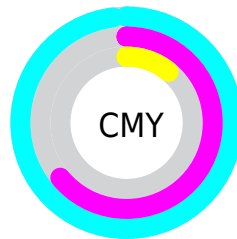
- Red (2%)
- Green (36%)
- Blue (89%)



- Red (2%)
- Yellow (26%)
- Blue (89%)



- Cyan (97%)
- Magenta (60%)
- Yellow (0%)
- Black (11%)



- Cyan (98%)
- Magenta (64%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278606820 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 4278606820 by changing the saturation by 10% instead.

 4278606820

 4278606820

4294967295

 4278207687

 4285304063

 4278202283

 4287473663

 4278197392

 4289577727

 4278192245

 4291616255

 4278193244

 4293720831

 4278191939

 4278190892

 4278190358

 4278190080

■ 4278606820

■ 4278606820

■ 4278212580

■ 4280117732

■ 4281628644

■ 4283074020

■ 4284584932

■ 4286095844

■ 4287606756

■ 4289117668

■ 4290563300

■ 4292074212

Harmonies

Analogous

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



4278219758



4278606820



4288949432

Triad

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



4278606820



4290263296



4278222675

Complementary

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



4278606820



4293168902

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.



4278221568



4278606820



4287192576

Square

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



4278606820



4292018230



4283068672



4278223001

Rectangle

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



4278606820



4291166350



4283068672



4278222395

Sweetspot

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



4278606820



4290105855



4278641807



4283655296



4278190080



4286611584

Same Dimension

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



4278606820



4278215423



4280288996



4284968051



4278207667



4278195251

Inverse Universe

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



4293133915



4294901858



4291486726



4285753196



4289921092



4281532436

Previews

White Background



This preview shows how the Android color 4278606820 looks on a white background.

Color Contrast Check

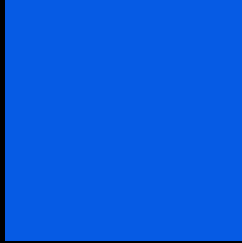
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278606820 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 4278606820 Background



This preview shows how black text looks on a background with the Android color 4278606820.



This preview shows how white text looks on a background with the Android color 4278606820.

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

4278606820

Protanopia

4278215118

Deuteranopia

4278216880

Trichromacy



Original Color
4278606820

Protanomaly
4278345686

Deuteranomaly
4278346691

Tritanomaly
4278347935

Monochromacy



Original Color
4278606820

Achromatopsia
4283519313

Achromatomaly
4281750918

CSS Examples

Text

The CSS property to change the color of the text to Android 4278606820 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(6, 91, 228)` looks like.

```
.text, #text, p{  
    color:rgb(6, 91, 228)  
}
```

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(6, 91, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 91, 228) }
```

Border

The CSS property to change the border of an element to Android 4278606820 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(6, 91, 228) }
```

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

```
.border{ border-color:rgb(6, 91, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 91, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 91, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 91, 228);  
box-shadow:4px 4px 4px 4px rgb(6, 91, 228)  
}
```

Background

The CSS property to change the background color of an element to Android 4278606820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 91, 228) }
```

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

```
.background{ background-color: rgb(6, 91,  
228) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor