

Converting Colors

Android(4278218704)

Have a look what the booklet for
Android(4278218704) contains.

Android(4278218704)	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(4278218704)

Conversions

Conversions Part 1

Format	Color
Hex	006FD0
RGB	0, 111, 208
RGB Percent	0%, 44%, 82%
CMY	1.0000, 0.5647, 0.1843
CMYK	1.00, 0.47, 0.00, 0.18
HSL	208°, 100%, 41%
HSV	208°, 100%, 82%
XYZ	17.0696, 15.9229, 61.8483
YIQ	88.8690, -97.2930, 6.6350

Conversions

Conversions Part 2

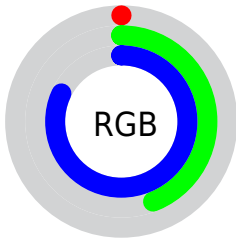
Format	Color
RYB	0, 72, 208
Decimal	28624
CIELab	46.87, 11.09, -57.23
CIELCh	47, 58.298, 280.968
Yxy	15.9229, 0.1800, 0.1679
Android (android.graphics.Color)	4278218704 (0xFF006FD0)
YUV	88.8690, 58.7316, -77.9381
Hunter-Lab	39.9036, 6.5260, -63.9637

Details

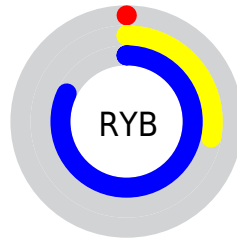
The Android color `4278218704` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark washed azure. A complement of this color would be `4291846400`, and the grayscale version is `4283979864`.

A 20% lighter version of the original color is `4284785407`, and `4278206873` is the 20% darker color. If you saturate the color by 10%, you get `4278218704`, and if you desaturate by 10%, it is `4279597520`.

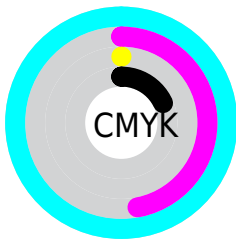
Distribution



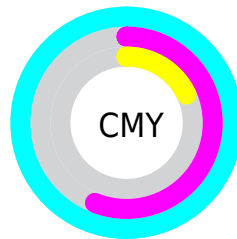
- Red (0%)
- Green (44%)
- Blue (82%)



- Red (0%)
- Yellow (28%)
- Blue (82%)



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (56%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278218704 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 4278218704 by changing the saturation by 10% instead.

 4278218704

 4278218704

4294967295

 4278212532

 4284785407

 4278206873

 4286889471

 4278201470

 4288927999

 4278196581

 4290901503

 4278192460

 4292935679

 4278191156

 4278190622

 4278190080

 4278218704

■ 4279597520

■ 4280976080

■ 4282289360

■ 4283668176

■ 4285046992

■ 4286425552

■ 4287804368

■ 4289117648

■ 4290496208

Harmonies

Analogous

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



4278222284



4278218704



4287060410

Triad

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



4278218704



4290530097



4278223693

Complementary

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



4278218704



4291846400

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.



4282285595



4278218704



4288635136

Square

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



4278218704



4291181407



4285887232



4278224256

Rectangle

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



4278218704



4289350047



4285887232



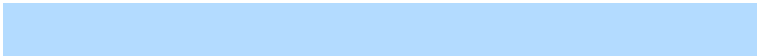
4278223421

Sweetspot

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



4278218704



4289977343



4278243422



4283591296



4278190080



4286611584

Same Dimension

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



4278218704



4278225151



4278192848



4284376169



4278213288



4278195753

Inverse Universe

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



4291821679



4294901896



4291872256



4285095524



4289200218



4280877078

Previews

White Background



This preview shows how the Android color 4278218704 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 4278218704 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 4278218704 Background



This preview shows how black text looks on a background with the Android color 4278218704.



This preview shows how white text looks on a background with the Android color 4278218704.

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
4278218704

Protanopia
4282215372

Deuteranopia
4278219206

Trichromacy



Original Color
4278218704

Protanomaly
4280773837

Deuteranomaly
4278218954

Tritanomaly
4278220703

Monochromacy



Original Color
4278218704

Achromatopsia
4284045657

Achromatomaly
4281950596

CSS Examples

Text

The CSS property to change the color of the text to Android 4278218704 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, 111, 208)` looks like.

```
.text, #text, p{  
    color:rgb(0, 111, 208)  
}
```

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, 111, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 111, 208) }
```

Border

The CSS property to change the border of an element to Android 4278218704 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, 111, 208) }
```

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

```
.border{ border-color:rgb(0, 111, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 111, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 111, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 111, 208);  
box-shadow:4px 4px 4px 4px rgb(0, 111,  
208) }
```

Background

The CSS property to change the background color of an element to Android 4278218704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 111, 208) }
```

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

```
.background{ background-color: rgb(0, 111,  
208) }
```

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