

Converting Colors

Android(4278545096)

Have a look what the booklet for
Android(4278545096) contains.

Android(4278545096)	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(4278545096)

Conversions

Conversions Part 1

Format	Color
Hex	056AC8
RGB	5, 106, 200
RGB Percent	2%, 42%, 78%
CMY	0.9804, 0.5843, 0.2157
CMYK	0.97, 0.47, 0.00, 0.22
HSL	209°, 95%, 40%
HSV	209°, 98%, 78%
XYZ	15.6419, 14.5105, 56.6200
YIQ	86.5170, -90.3700, 7.8220

Conversions

Conversions Part 2

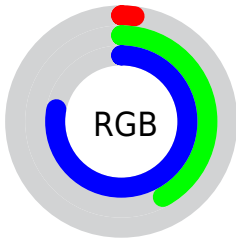
Format	Color
R _Y B	5, 72, 200
Decimal	355016
CIE Lab	44.96, 11.26, -55.73
CIE LCh	45, 56.859, 281.422
Yxy	14.5105, 0.1803, 0.1672
Android (android.graphics.Color)	4278545096 (0xFF056AC8)
YUV	86.5170, 55.9471, -71.4904
Hunter-Lab	38.0926, 6.6353, -61.4625

Details

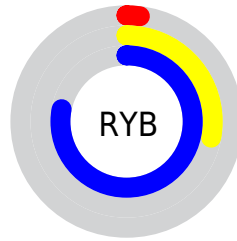
The Android color `4278545096` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark washed azure. A complement of this color would be `4291322629`, and the grayscale version is `4283848278`.

A 20% lighter version of the original color is `4284718591`, and `4278205585` is the 20% darker color. If you saturate the color by 10%, you get `4278216904`, and if you desaturate by 10%, it is `4279858376`.

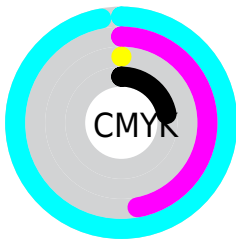
Distribution



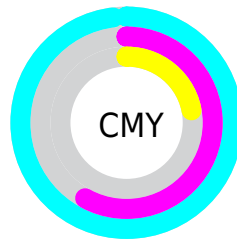
- Red (2%)
- Green (42%)
- Blue (78%)



- Red (2%)
- Yellow (28%)
- Blue (78%)



- Cyan (97%)
- Magenta (47%)
- Yellow (0%)
- Black (22%)



- Cyan (98%)
- Magenta (58%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278545096 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 4278545096 by changing the saturation by 10% instead.

 4278545096

 4278545096

4294967295

 4278211244

 4284718591

 4278205585

 4286756863

 4278200183

 4288795647

 4278195294

 4290768895

 4278192197

 4292804607

 4278191150

 4294770687

 4278190360

 4278190080

 4278545096

 4278545096

■ 4278216904

■ 4279858376

■ 4281171400

■ 4282484680

■ 4283797960

■ 4285110984

■ 4286424264

■ 4287737288

■ 4289050568

■ 4290363848

Harmonies

Analogous

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



4278220996



4278545096



4286797234

Triad

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



4278545096



4290005037



4278222410

Complementary

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



4278545096



4291322629

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.



4281956378



4278545096



4288175360

Square

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



4278545096



4290656346



4285558272



4278222972

Rectangle

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



4278545096



4288955801



4285558272



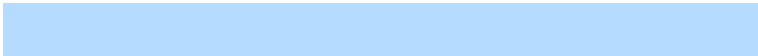
4278222138

Sweetspot

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



4278545096



4290108415



4278569056



4283656832



4278190080



4286611584

Same Dimension

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



4278545096



4278224127



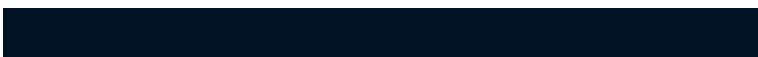
4278520776



4284112739



4278212003



4278194724

Inverse Universe

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



4291298666



4294901892



4291346949



4284701279



4288872533



4280549394

Previews

White Background



This preview shows how the Android color 4278545096 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 4278545096 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 4278545096 Background



This preview shows how black text looks on a background with the Android color 4278545096.



This preview shows how white text looks on a background with the Android color 4278545096.

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
4278545096

Protanomaly
4280707270

Deuteranomaly
4278348738

Tritanomaly
4278350489

Monochromacy



Original Color
4278545096

Achromatopsia
4283914071

Achromatomaly
4281949824

CSS Examples

Text

The CSS property to change the color of the text to Android 4278545096 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(5, 106, 200)` looks like.

```
.text, #text, p{  
    color:rgb(5, 106, 200)  
}
```

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(5, 106, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 106, 200) }
```

Border

The CSS property to change the border of an element to Android 4278545096 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(5, 106, 200) }
```

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

```
.border{ border-color:rgb(5, 106, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 106, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 106, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 106, 200);  
box-shadow:4px 4px 4px 4px rgb(5, 106,  
200) }
```

Background

The CSS property to change the background color of an element to Android 4278545096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 106, 200) }
```

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

```
.background{ background-color: rgb(5, 106,  
200) }
```

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