

Converting Colors

Android(4278223045)

Have a look what the booklet for
Android(4278223045) contains.

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Color

Android(4278223045)

Conversions

Conversions Part 1

Format	Color
Hex	0080C5
RGB	0, 128, 197
RGB Percent	0%, 50%, 77%
CMY	1.0000, 0.4980, 0.2275
CMYK	1.00, 0.35, 0.00, 0.23
HSL	201°, 100%, 39%
HSV	201°, 100%, 77%
XYZ	17.7972, 19.4696, 55.6433
YIQ	97.5940, -98.4370, -5.6770

Conversions

Conversions Part 2

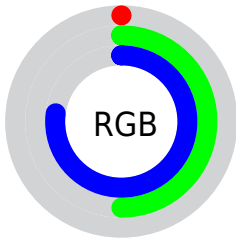
Format	Color
RYB	0, 78, 197
Decimal	32965
CIELab	51.23, -3.74, -43.98
CIELCh	51, 44.141, 265.134
Yxy	19.4696, 0.1916, 0.2096
Android (android.graphics.Color)	4278223045 (0xFF0080C5)
YUV	97.5940, 49.0072, -85.5899
Hunter-Lab	44.1243, -5.2209, -43.8811

Details

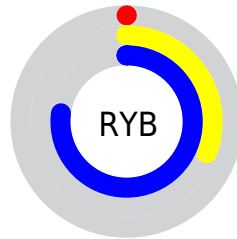
The Android color `4278223045` is a dark color, and the websafe version is hex `006699`. The color can be described as dark washed azure. A complement of this color would be `4291118336`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4284593406`, and `4278210447` is the 20% darker color. If you saturate the color by 10%, you get `4278223045`, and if you desaturate by 10%, it is `4279535557`.

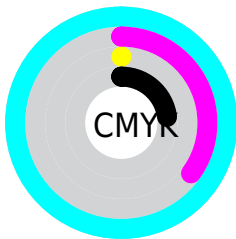
Distribution



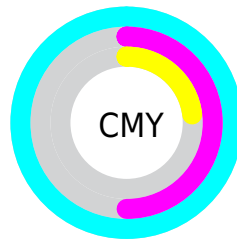
- Red (0%)
- Green (50%)
- Blue (77%)



- Red (0%)
- Yellow (31%)
- Blue (77%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (50%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278223045 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 4278223045 by changing the saturation by 10% instead.



4278223045



4278223045

4294967295



4278216617



4284593406



4278210447



4286632191



4278204789



4288670975



4278199388



4290641919



4278193732



4292673535



4278190893



4294639615



4278190359



4278190080



4278223045

■ 4279535557

■ 4280782533

■ 4282095045

■ 4283407557

■ 4284720069

■ 4285966789

■ 4287279301

■ 4288591813

■ 4289838789

Harmonies

Analogous

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



4278225335



4278223045



4285690814

Triad

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



4278223045



4290731100



4282419533

Complementary

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



4278223045



4291118336

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.



4285563186



4278223045



4289751101

Square

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



4278223045



4290533762



4287985195



4278226034

Rectangle

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



4278223045



4287981744



4287985195



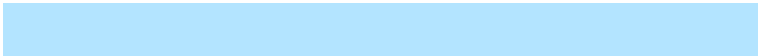
4283598658

Sweetspot

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



4278223045



4289979647



4278240581



4283592576



4278190080



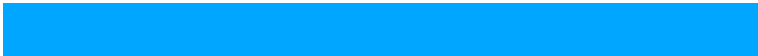
4286611584

Same Dimension

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



4278223045



4278232831



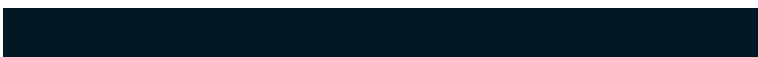
4278197957



4284112995



4278217379



4278196004

Inverse Universe

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



4291100800



4294901926



4291143424



4284701280



4288872554



4280549399

Previews

White Background



This preview shows how the Android color 4278223045 looks on a white 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

Black Background



This preview shows how the Android color 4278223045 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 4278223045 Background



This preview shows how black text looks on a background with the Android color 4278223045.



This preview shows how white text looks on a background with the Android color 4278223045.

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
4278223045

Protanomaly
4282219200

Deuteranomaly
4281302214

Tritanomaly
4278224036

Monochromacy



Original Color
4278223045

Achromatopsia
4284637794

Achromatomaly
4282281350

CSS Examples

Text

The CSS property to change the color of the text to Android 4278223045 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, 128, 197)` looks like.

```
.text, #text, p{  
    color:rgb(0, 128, 197)  
}
```

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, 128, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 128, 197) }
```

Border

The CSS property to change the border of an element to Android 4278223045 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, 128, 197) }
```

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

```
.border{ border-color:rgb(0, 128, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 128, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 128, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 128, 197);  
box-shadow:4px 4px 4px 4px rgb(0, 128,  
197) }
```

Background

The CSS property to change the background color of an element to Android 4278223045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 128, 197) }
```

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

```
.background{ background-color: rgb(0, 128,  
197) }
```

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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