

Converting Colors

Android(4278213567)

Have a look what the booklet for
Android(4278213567) contains.

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Color

Android(4278213567)

Conversions

Conversions Part 1

Format	Color
Hex	005BBF
RGB	0, 91, 191
RGB Percent	0%, 36%, 75%
CMY	1.0000, 0.6431, 0.2510
CMYK	1.00, 0.52, 0.00, 0.25
HSL	211°, 100%, 37%
HSV	211°, 100%, 75%
XYZ	13.1451, 11.2438, 50.7677
YIQ	75.1910, -86.3360, 11.8080

Conversions

Conversions Part 2

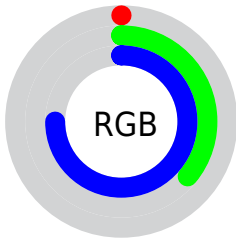
Format	Color
RYB	0, 62, 191
Decimal	23487
CIELab	39.99, 17.24, -58.55
CIELCh	40, 61.041, 286.408
Yxy	11.2438, 0.1749, 0.1496
Android (android.graphics.Color)	4278213567 (0xFF005BBF)
YUV	75.1910, 57.0938, -65.9425
Hunter-Lab	33.5317, 11.2948, -66.2940

Details

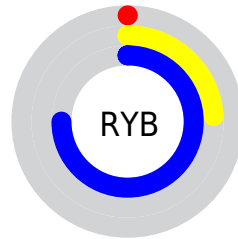
The Android color `4278213567` is a dark color, and the websafe version is hex `0066CC`. A complement of this color would be `4290733056`, and the grayscale version is `4283124555`.

A 20% lighter version of the original color is `4284452088`, and `4278202249` is the 20% darker color. If you saturate the color by 10%, you get `4278213567`, and if you desaturate by 10%, it is `4279461311`.

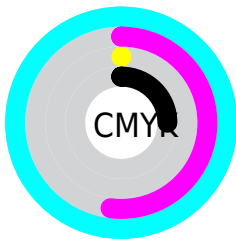
Distribution



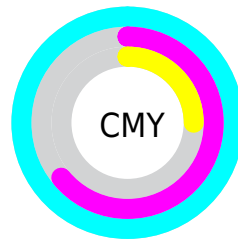
- Red (0%)
- Green (36%)
- Blue (75%)



- Red (0%)
- Yellow (24%)
- Blue (75%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (64%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278213567 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 4278213567 by changing the saturation by 10% instead.

 4278213567

 4278213567

4294967295

 4278207651

 4284452088

 4278202249

 4286556159

 4278197359

 4288529151

 4278190166

 4290502143

 4278191677

 4292541183

 4278190886

 4294508543

 4278190352

 4278190080

 4278213567

■ 4279461311

■ 4280709055

■ 4281956799

■ 4283204543

■ 4284517823

■ 4285765567

■ 4287013311

■ 4288261055

■ 4289508799

Harmonies

Analogous

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



4278217664



4278213567



4286661284

Triad

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



4278213567



4289018645



4278219333

Complementary

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



4278213567



4290733056

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.



4279201292



4278213567



4286927872

Square

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



4278213567



4289995077



4284048384



4278219897

Rectangle

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



4278213567



4288753287



4284048384



4278219059

Sweetspot

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



4278213567



4289581303



4278239075



4283458941



4294769916



4286414205

Same Dimension

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



4278213567



4278220535



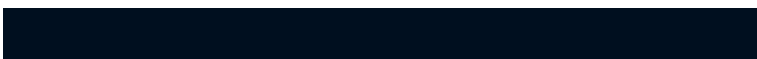
4278386879



4283783518



4278209438



4278193951

Inverse Universe

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



4290707547



4294377590



4290559744



4284372313



4288544843



4280221711

Previews

White Background



This preview shows how the Android color 4278213567 looks on a white background.

Color Contrast Check

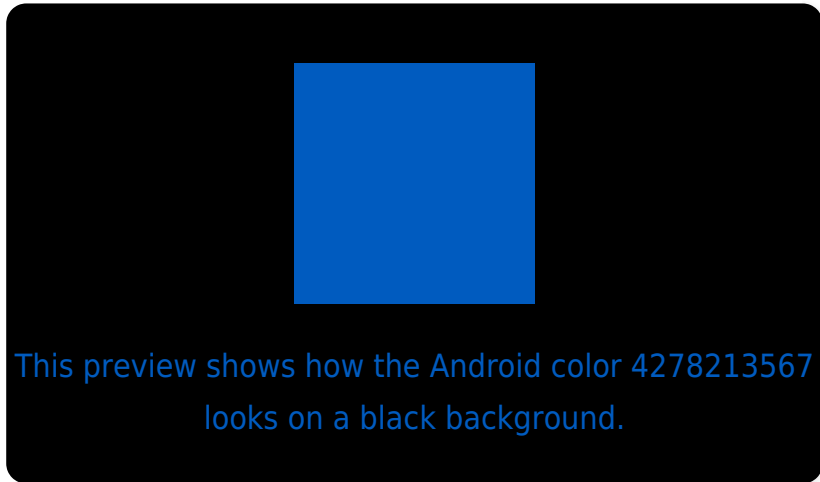
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

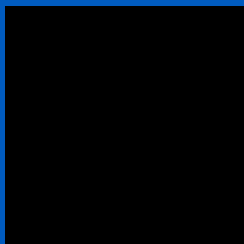
Any Text WCAG AA × Fail

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 4278213567 Background



This preview shows how black text looks on a background with the Android color 4278213567.



This preview shows how white text looks on a background with the Android color 4278213567.

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

4278213567

Protanopia

4279524287

Deuteranopia

4278214823

Trichromacy



Original Color
4278213567

Protanomaly
4279065535

Deuteranomaly
4278214320

Tritanomaly
4278215820

Monochromacy



Original Color
4278213567

Achromatopsia
4283124555

Achromatomaly
4281356661

CSS Examples

Text

The CSS property to change the color of the text to Android 4278213567 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, 91, 191)` looks like.

```
.text, #text, p{  
    color:rgb(0, 91, 191)  
}
```

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, 91, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 91, 191) }
```

Border

The CSS property to change the border of an element to Android 4278213567 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, 91, 191) }
```

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

```
.border{ border-color:rgb(0, 91, 191) }
```

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

Here you see how a box with a 4 pixel rgb(0, 91, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 91, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 91, 191);  
box-shadow:4px 4px 4px 4px rgb(0, 91, 191)  
}
```

Background

The CSS property to change the background color of an element to Android 4278213567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 91, 191) }
```

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

```
.background{ background-color: rgb(0, 91,  
191) }
```

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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