

Converting Colors

Android(4278208205)

Have a look what the booklet for
Android(4278208205) contains.

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Color

Android(4278208205)

Conversions

Conversions Part 1

Format	Color
Hex	0046CD
RGB	0, 70, 205
RGB Percent	0%, 27%, 80%
CMY	1.0000, 0.7255, 0.1961
CMYK	1.00, 0.66, 0.00, 0.20
HSL	220°, 100%, 40%
HSV	220°, 100%, 80%
XYZ	13.2096, 8.7881, 58.7577
YIQ	64.4600, -85.0550, 27.1450

Conversions

Conversions Part 2

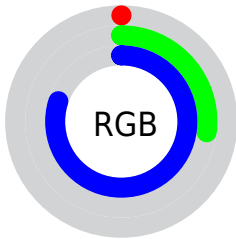
Format	Color
R _{YB}	0, 52, 205
Decimal	18125
CIE Lab	35.57, 36.69, -73.91
CIE LCh	36, 82.518, 296.404
Yxy	8.7881, 0.1636, 0.1088
Android (android.graphics.Color)	4278208205 (0xFF0046CD)
YUV	64.4600, 69.2862, -56.5314
Hunter-Lab	29.6447, 27.6608, -96.7651

Details

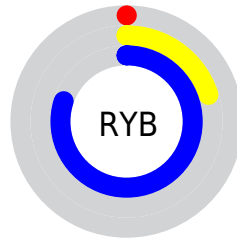
The Android color `4278208205` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark washed blue. A complement of this color would be `4291659520`, and the grayscale version is `4282400832`.

A 20% lighter version of the original color is `4284839679`, and `4278197397` is the 20% darker color. If you saturate the color by 10%, you get `4278208205`, and if you desaturate by 10%, it is `4279522253`.

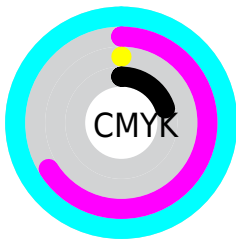
Distribution



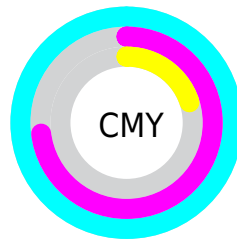
- Red (0%)
- Green (27%)
- Blue (80%)



- Red (0%)
- Yellow (20%)
- Blue (80%)



- Cyan (100%)
- Magenta (66%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (73%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278208205 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 4278208205 by changing the saturation by 10% instead.



4278208205



4278208205

4294967295



4278202545



4284839679



4278197397



4287008767



4278193019



4289047295



4278190689



4291085823



4278192200



4293124607



4278191152

4294967039



4278190363



4278190080



4278208205

■ 4279522253

■ 4280902093

■ 4282281677

■ 4283595981

■ 4284975565

■ 4286289869

■ 4287669453

■ 4288983757

■ 4290363597

Harmonies

Analogous

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



4278214875



4278208205



4288020638

Triad

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



4278208205



4288489984



4278217546

Complementary

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



4278208205



4291659520

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.



4278216704



4278208205



4285419264

Square

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



4278208205



4290445343



4280901632



4278218126

Rectangle

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



4278208205



4290052213



4280901632



4278217522

Sweetspot

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



4278208205



4289973759



4278242693



4283588992



4278190080



4286611584

Same Dimension

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



4278208205



4278212607



4280221901



4284243814



4278204838



4278193446

Inverse Universe

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



4291625030



4294901847



4289645824



4284898399



4289069113



4280680461

Previews

White Background



This preview shows how the Android color 4278208205 looks on a white background.

Color Contrast Check

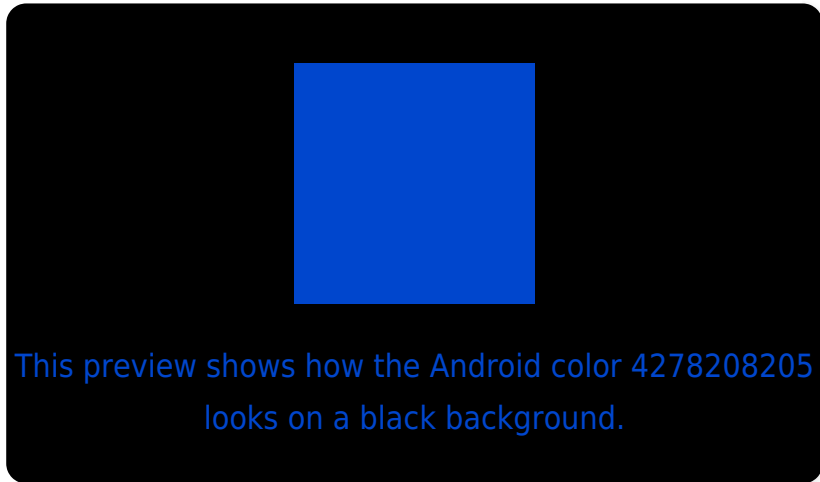
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4278208205 Background



This preview shows how black text looks on a background with the Android color 4278208205.



This preview shows how white text looks on a background with the Android color 4278208205.

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

4278208205

Protanopia

4278210986

Deuteranopia

4278212241

Trichromacy



Original Color

4278208205

Protanomaly

4278209975

Deuteranomaly

4278210727

Tritanomaly

4278211977

Monochromacy



Original Color

4278208205

Achromatopsia

4282400832

Achromatomaly

4280894067

CSS Examples

Text

The CSS property to change the color of the text to Android 4278208205 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, 70, 205)` looks like.

```
.text, #text, p{  
    color:rgb(0, 70, 205)  
}
```

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, 70, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 70, 205) }
```

Border

The CSS property to change the border of an element to Android 4278208205 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, 70, 205) }
```

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

```
.border{ border-color:rgb(0, 70, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 70, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 70, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 70, 205);  
box-shadow:4px 4px 4px 4px rgb(0, 70, 205)  
}
```

Background

The CSS property to change the background color of an element to Android 4278208205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 70, 205) }
```

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

```
.background{ background-color: rgb(0, 70,  
205) }
```

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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