

Converting Colors

Android(4278207937)

Have a look what the booklet for
Android(4278207937) contains.

Android(4278207937)	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(4278207937)

Conversions

Conversions Part 1

Format	Color
Hex	0045C1
RGB	0, 69, 193
RGB Percent	0%, 27%, 76%
CMY	1.0000, 0.7294, 0.2431
CMYK	1.00, 0.64, 0.00, 0.24
HSL	219°, 100%, 38%
HSV	219°, 100%, 76%
XYZ	11.7538, 8.1065, 51.3973
YIQ	62.5050, -80.9280, 23.9360

Conversions

Conversions Part 2

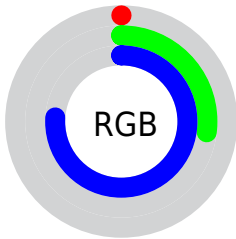
Format	Color
RYB	0, 51, 193
Decimal	17857
CIELab	34.20, 32.71, -69.17
CIELCh	34, 76.511, 295.310
Yxy	8.1065, 0.1649, 0.1138
Android (android.graphics.Color)	4278207937 (0xFF0045C1)
YUV	62.5050, 64.3340, -54.8169
Hunter-Lab	28.4719, 23.8624, -87.0995

Details

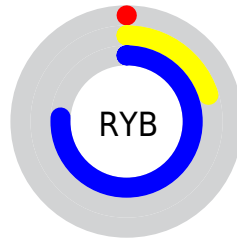
The Android color `4278207937` is a dark color, and the websafe version is hex `003399`. The color can be described as dark washed blue. A complement of this color would be `4290870272`, and the grayscale version is `4282269246`.

A 20% lighter version of the original color is `4284642811`, and `4278197386` is the 20% darker color. If you saturate the color by 10%, you get `4278207937`, and if you desaturate by 10%, it is `4279456193`.

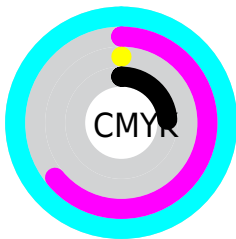
Distribution



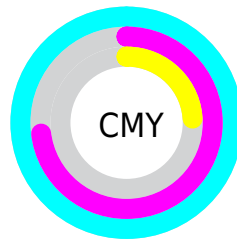
- Red (0%)
- Green (27%)
- Blue (76%)



- Red (0%)
- Yellow (20%)
- Blue (76%)



- Cyan (100%)
- Magenta (64%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (73%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278207937 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 4278207937 by changing the saturation by 10% instead.

 4278207937

 4278207937

4294967295

 4278202277

 4284642811

 4278197386

 4286680831

 4278192240

 4288719359

 4278191702

 4290757887

 4278191678

 4292731135

 4278190887

 4294769919

 4278190353

 4278190080

 4278207937

■ 4279456193

■ 4280770241

■ 4282018497

■ 4283267009

■ 4284580801

■ 4285829057

■ 4287077569

■ 4288325825

■ 4289639873

Harmonies

Analogous

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



4278213837



4278207937



4287368599

Triad

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



4278207937



4288096768



4278216517

Complementary

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



4278207937



4290870272

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.



4278215424



4278207937



4285221632

Square

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



4278207937



4289789986



4281293824



4278216836

Rectangle

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



4278207937



4289265777



4281293824



4278216239

Sweetspot

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



4278207937



4289710842



4278239610



4283457661



4294769916



4286414205

Same Dimension

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



4278207937



4278213114



4279894209



4283915105



4278204833



4278193185

Inverse Universe

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



4290838597



4294574169



4289184000



4284569435



4288741433



4280352780

Previews

White Background



This preview shows how the Android color 4278207937 looks on a white background.

Color Contrast Check

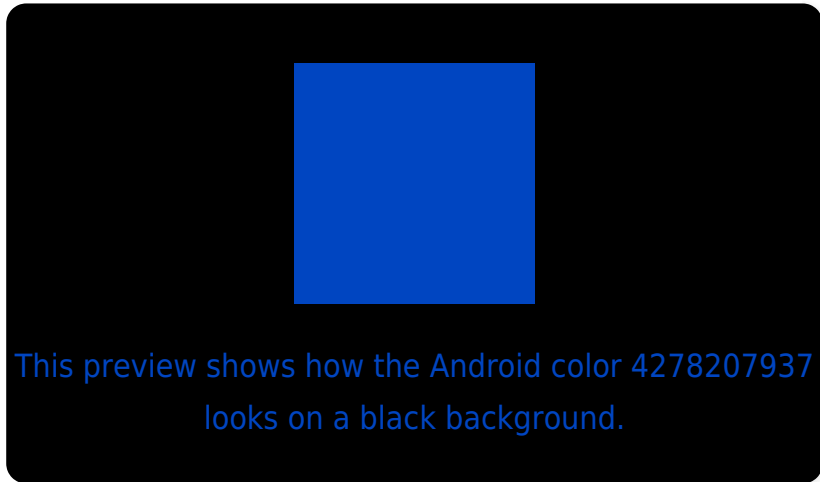
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278207937 Background



This preview shows how black text looks on a background with the Android color 4278207937.



This preview shows how white text looks on a background with the Android color 4278207937.

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

4278207937

Protanopia

4278210212

Deuteranopia

4278211468

Trichromacy



Original Color
4278207937

Protanomaly
4278209455

Deuteranomaly
4278210207

Tritanomaly
4278211202

Monochromacy



Original Color
4278207937

Achromatopsia
4282335039

Achromatomaly
4280828270

CSS Examples

Text

The CSS property to change the color of the text to Android 4278207937 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, 69, 193)` looks like.

```
.text, #text, p{  
    color:rgb(0, 69, 193)  
}
```

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, 69, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 69, 193) }
```

Border

The CSS property to change the border of an element to Android 4278207937 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, 69, 193) }
```

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

```
.border{ border-color:rgb(0, 69, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 69, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 69, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 69, 193);  
box-shadow:4px 4px 4px 4px rgb(0, 69, 193)  
}
```

Background

The CSS property to change the background color of an element to Android 4278207937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 69, 193) }
```

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

```
.background{ background-color: rgb(0, 69,  
193) }
```

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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