

Converting Colors

Android(4278204357)

Have a look what the booklet for
Android(4278204357) contains.

Android(4278204357)	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(4278204357)

Conversions

Conversions Part 1

Format	Color
Hex	0037C5
RGB	0, 55, 197
RGB Percent	0%, 22%, 77%
CMY	1.0000, 0.7843, 0.2275
CMYK	1.00, 0.72, 0.00, 0.23
HSL	223°, 100%, 39%
HSV	223°, 100%, 77%
XYZ	11.4442, 6.7636, 53.5257
YIQ	54.7430, -78.3620, 32.5020

Conversions

Conversions Part 2

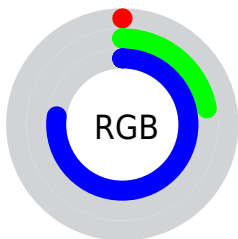
Format	Color
R _Y B	0, 43, 197
Decimal	14277
CIE Lab	31.26, 43.18, -76.36
CIE LCh	31, 87.722, 299.489
Yxy	6.7636, 0.1595, 0.0943
Android (android.graphics.Color)	4278204357 (0xFF0037C5)
YUV	54.7430, 70.1327, -48.0096
Hunter-Lab	26.0069, 33.0361, -103.8218

Details

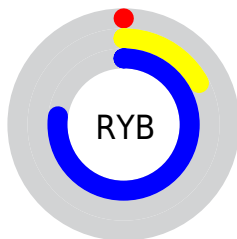
The Android color `4278204357` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark washed blue. A complement of this color would be `4291137024`, and the grayscale version is `4281742902`.

A 20% lighter version of the original color is `4284770047`, and `4278193806` is the 20% darker color. If you saturate the color by 10%, you get `4278204357`, and if you desaturate by 10%, it is `4279518661`.

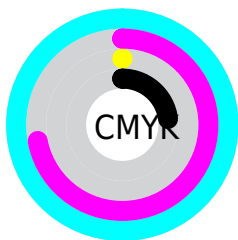
Distribution



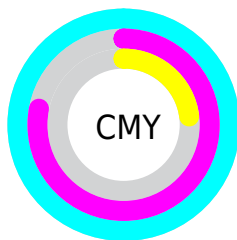
- Red (0%)
- Green (22%)
- Blue (77%)



- Red (0%)
- Yellow (17%)
- Blue (77%)



- Cyan (100%)
- Magenta (72%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (78%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278204357 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 4278204357 by changing the saturation by 10% instead.



4278204357



4278204357

4294967295



4278198697



4284770047



4278193806



4286939135



4278190195



4288977663



4278192474



4291016191



4278191937



4293054719



4278190890



4294962687



4278190356



4278190080



4278204357

■ 4279518661

■ 4280767429

■ 4282081989

■ 4283396293

■ 4284710597

■ 4285959365

■ 4287273669

■ 4288588229

■ 4289836997

Harmonies

Analogous

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



4278212312



4278204357



4287889553

Triad

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



4278204357



4287569920



4278214983

Complementary

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



4278204357



4291137024

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.



4278214144



4278204357



4284237568

Square

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



4278204357



4289724427



4278212352



4278215309

Rectangle

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



4278204357



4289724517



4278212352



4278214702

Sweetspot

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



4278204357



4289972479



4278240653



4283588224



4278190080



4286611584

Same Dimension

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



4278204357



4278208511



4281008325



4284111971



4278202019



4278192676

Inverse Universe

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



4291100727



4294901831



4288333056



4284701276



4288872494



4280549386

Previews

White Background



This preview shows how the Android color 4278204357 looks on a white background.

Color Contrast Check

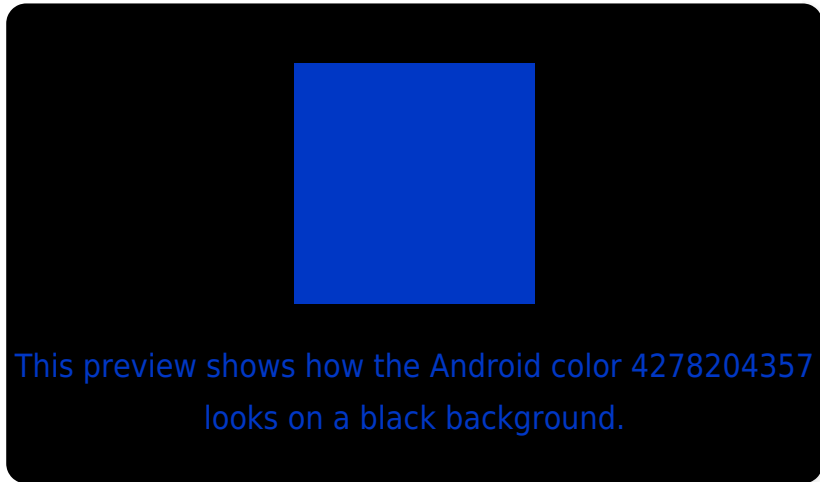
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278204357 Background



This preview shows how black text looks on a background with the Android color 4278204357.



This preview shows how white text looks on a background with the Android color 4278204357.

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

4278204357

Protanopia

4278208406

Deuteranopia

4278209663

Trichromacy



Original Color
4278204357

Protanomaly
4278206887

Deuteranomaly
4278207640

Tritanomaly
4278208638

Monochromacy



Original Color
4278204357

Achromatopsia
4281808695

Achromatomaly
4280498027

CSS Examples

Text

The CSS property to change the color of the text to Android 4278204357 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, 55, 197)` looks like.

```
.text, #text, p{  
    color:rgb(0, 55, 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, 55, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 55, 197) }
```

Border

The CSS property to change the border of an element to Android 4278204357 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, 55, 197) }
```

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

```
.border{ border-color:rgb(0, 55, 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, 55, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 55, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 55, 197);  
box-shadow:4px 4px 4px 4px rgb(0, 55, 197)  
}
```

Background

The CSS property to change the background color of an element to Android 4278204357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 55, 197) }
```

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

```
.background{ background-color: rgb(0, 55,  
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](#).

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