

Converting Colors

Android(4283768504)

Have a look what the booklet for
Android(4283768504) contains.

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Color

Android(4283768504)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 551EB8 |
| RGB | 85, 30, 184 |
| RGB Percent | 33%, 12%, 72% |
| CMY | 0.6667, 0.8824, 0.2784 |
| CMYK | 0.54, 0.84, 0.00, 0.28 |
| HSL | 261°, 72%, 42% |
| HSV | 261°, 84%, 72% |
| XYZ | 12.8623, 6.3205, 45.8895 |
| YIQ | 64.0010, -16.6540, 59.5540 |

Conversions

Conversions Part 2

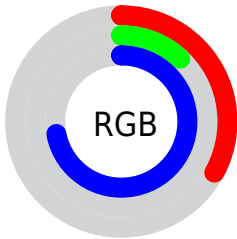
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 85, 30, 184 |
| Decimal | 5578424 |
| CIE Lab | 30.21, 57.53, -70.28 |
| CIE LCh | 30, 90.829, 309.304 |
| Yxy | 6.3205, 0.1977, 0.0971 |
| Android (android.graphics.Color) | 4283768504 (0xFF551EB8) |
| YUV | 64.0010, 59.1595, 18.4161 |
| Hunter-Lab | 25.1407, 47.3269, -90.6240 |

Details

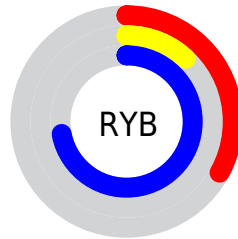
The Android color **4283768504** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **4286691358**, and the grayscale version is **4282335039**.

A 20% lighter version of the original color is **4287714289**, and **4278190209** is the 20% darker color. If you saturate the color by 10%, you get **4282977464**, and if you desaturate by 10%, it is **4284559544**.

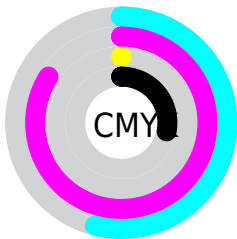
Distribution



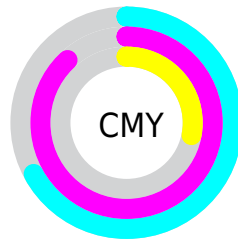
- Red (33%)
- Green (12%)
- Blue (72%)



- Red (33%)
- Yellow (12%)
- Blue (72%)



- Cyan (54%)
- Magenta (84%)
- Yellow (0%)
- Black (28%)



- Cyan (67%)
- Magenta (88%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283768504 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 4283768504 by changing the saturation by 10% instead.

 4283768504

 4283768504

4294967295


 4281598108

 4287714289

 4278190209

 4289621759

 4278190184

 4291594495

 4278190158

 4293567487

 4278191414

 4294950911

 4278190624

 4294958335

 4278190084

 4294965759

 4278190080

 4283768504

 4283768504

■ 4282977464

■ 4284559544

■ 4282515640

■ 4285350840

■ 4286076344

■ 4286867640

■ 4287658680

■ 4288449720

■ 4289241016

■ 4290032056

■ 4290757816

Harmonies

Analogous

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



4278210008



4283768504



4288938107

Triad

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



4283768504



4286459392



4278214493

Complementary

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



4283768504



4286691358

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.



4278213643



4283768504



4282665984

Square

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



4283768504



4289134592



4278212608



4278214818

Rectangle

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



4283768504



4290117709



4278212608



4278214212

Sweetspot

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



4283768504



4291409136



4280189624



4284568696



4294440951



4286085240

Same Dimension

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



4283768504



4283826416



4288749240



4283847516



4281860252



4278845468

Inverse Universe

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



4290256513



4293918874



4281710622



4284240729



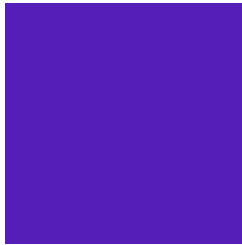
4288413796



4280025106

Previews

White Background



This preview shows how the Android color 4283768504 looks on a white background.

Color Contrast Check

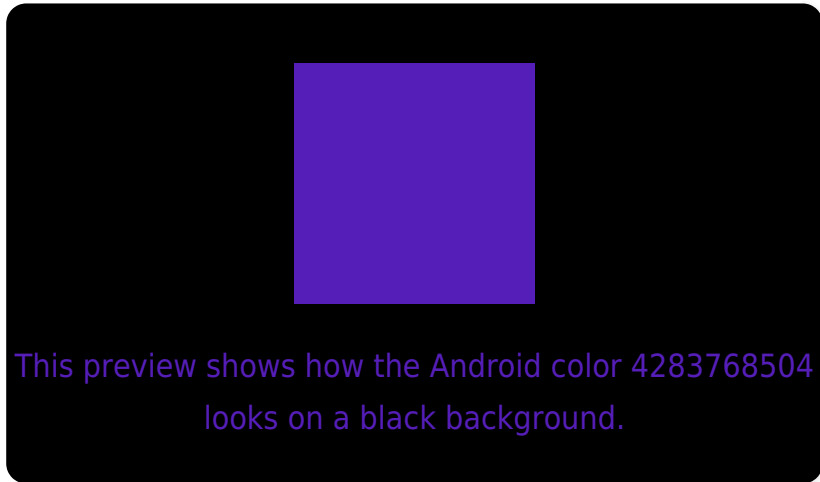
Large Text (above 18pt) WCAG AA ✓ Pass

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

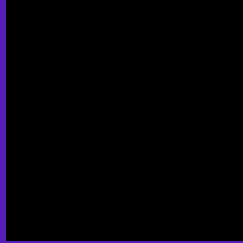
Any Text WCAG AA × Fail

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 4283768504 Background



This preview shows how black text looks on a background with the Android color 4283768504.



This preview shows how white text looks on a background with the Android color 4283768504.

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
4283768504

Protanopia
4278207890

Deuteranopia
4278209149

Trichromacy



Original Color

4283768504



Protanomaly

4280235936



Deuteranomaly

4280236690



Tritanomaly

4282334071

Monochromacy



Original Color

4283768504



Achromatopsia

4282400832



Achromatomaly

4282922092

CSS Examples

Text

The CSS property to change the color of the text to Android 4283768504 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(85, 30, 184)` looks like.

```
.text, #text, p{  
    color:rgb(85, 30, 184)  
}
```

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(85, 30, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 30, 184) }
```

Border

The CSS property to change the border of an element to Android 4283768504 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(85, 30, 184) }
```

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

```
.border{ border-color:rgb(85, 30, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 30, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 30, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 30, 184);  
box-shadow:4px 4px 4px 4px rgb(85, 30,  
184) }
```

Background

The CSS property to change the background color of an element to Android 4283768504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 30, 184) }
```

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

```
.background{ background-color: rgb(85, 30,  
184) }
```

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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