

Converting Colors

Android(4284308948)

Have a look what the booklet for
Android(4284308948) contains.

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Color

Android(4284308948)

Conversions

Conversions Part 1

Format	Color
Hex	5D5DD4
RGB	93, 93, 212
RGB Percent	36%, 36%, 83%
CMY	0.6353, 0.6353, 0.1686
CMYK	0.56, 0.56, 0.00, 0.17
HSL	240°, 58%, 60%
HSV	240°, 56%, 83%
XYZ	20.3122, 14.9093, 64.0946
YIQ	106.5660, -38.1990, 37.0090

Conversions

Conversions Part 2

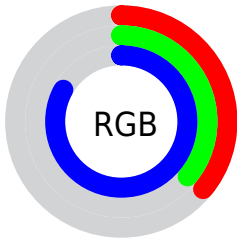
Format	Color
R _{YB}	93, 93, 212
Decimal	6118868
CIE Lab	45.51, 33.81, -61.57
CIE LCh	46, 70.236, 298.772
Yxy	14.9093, 0.2045, 0.1501
Android (android.graphics.Color)	4284308948 (0xFF5D5DD4)
YUV	106.5660, 51.9790, -11.8974
Hunter-Lab	38.6126, 26.3282, -71.3890

Details

The Android color `4284308948` is a dark color, and the websafe version is hex `6666CC`. The color can be described as dark muted blue. A complement of this color would be `4292138077`, and the grayscale version is `4285164138`.

A 20% lighter version of the original color is `4288188415`, and `4279447452` is the 20% darker color. If you saturate the color by 10%, you get `4282927316`, and if you desaturate by 10%, it is `4285690580`.

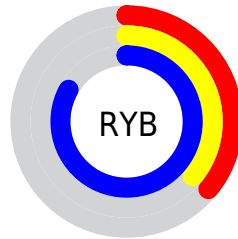
Distribution



Red (36%)

Green (36%)

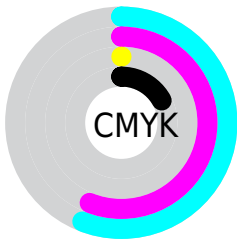
Blue (83%)



Red (36%)

Yellow (36%)

Blue (83%)

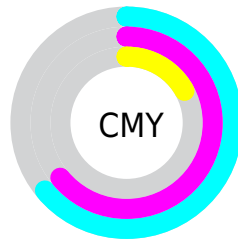


Cyan (56%)

Magenta (56%)

Yellow (0%)

Black (17%)



Cyan (64%)

Magenta (64%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284308948 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 4284308948 by changing the saturation by 10% instead.



4284308948



4284308948

4294967295



4282205624



4288188415



4279447452



4290095871



4278196866



4292068863



4278191720



4294042111



4278190159

4294967039



4278191415



4278190625



4278190085



4278190080

■ 4284308948

■ 4284308948

■ 4282927316

■ 4285690580

■ 4281545684

■ 4287072212

■ 4280098260

■ 4288519636

■ 4278716628

■ 4289901268

■ 4278190292

■ 4291282900

■ 4292664532

■ 4294046164

■ 4294967252

Harmonies

Analogous

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



4278220003



4284308948



4289608362

Triad

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



4284308948



4289810176



4278223976

Complementary

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



4284308948



4292138077

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.



4278223145



4284308948



4286933248

Square

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



4284308948



4291570743



4283136000



4278224291

Rectangle

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



4284308948



4291240068



4283136000



4278223699

Sweetspot

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



4284308948



4292138239



4284339412



4284900992



4278190080



4286611584

Same Dimension

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



4284308948



4283716863



4288241108



4284506219



4278190251



4278190123

Inverse Universe

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



4292107732



4294923519



4288271453



4285227115



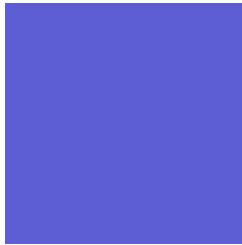
4289396907



4281008171

Previews

White Background



This preview shows how the Android color 4284308948 looks on a white background.

Color Contrast Check

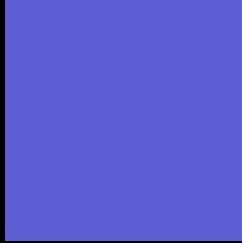
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4284308948 looks on a 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 4284308948 Background



This preview shows how black text looks on a background with the Android color 4284308948.



This preview shows how white text looks on a background with the Android color 4284308948.

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

4284308948

Protanopia

4278216668

Deuteranopia

4278218431

Trichromacy



Original Color

4284308948



Protanomaly

4280443865



Deuteranomaly

4280445127



Tritanomaly

4282936477

Monochromacy



Original Color

4284308948



Achromatopsia

4285229931



Achromatomaly

4284901009

CSS Examples

Text

The CSS property to change the color of the text to Android 4284308948 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(93, 93, 212)` looks like.

```
.text, #text, p{  
    color:rgb(93, 93, 212)  
}
```

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(93, 93, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 93, 212) }
```

Border

The CSS property to change the border of an element to Android 4284308948 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(93, 93, 212) }
```

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

```
.border{ border-color:rgb(93, 93, 212) }
```

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

Here you see how a box with a 4 pixel rgb(93, 93, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 93, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 93, 212);  
box-shadow:4px 4px 4px 4px rgb(93, 93,  
212) }
```

Background

The CSS property to change the background color of an element to Android 4284308948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 93, 212) }
```

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

```
.background{ background-color: rgb(93, 93,  
212) }
```

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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