

# Converting Colors

Android(4284046778)

Have a look what the booklet for  
Android(4284046778) contains.

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# Color

**Android(4284046778)**

# Conversions

## Conversions Part 1

Format	Color
Hex	595DBA
RGB	89, 93, 186
RGB Percent	35%, 36%, 73%
CMY	0.6510, 0.6353, 0.2706
CMYK	0.52, 0.50, 0.00, 0.27
HSL	238°, 41%, 54%
HSV	238°, 52%, 73%
XYZ	16.8971, 13.4977, 48.1691
YIQ	102.4060, -32.2370, 28.0750

# Conversions

## Conversions Part 2

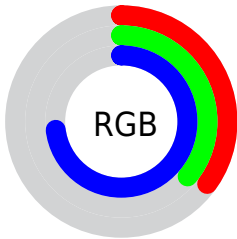
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 93, 186
Decimal	5856698
CIE <sub>Lab</sub>	43.50, 24.66, -49.80
CIE <sub>LCh</sub>	44, 55.572, 296.345
Yxy	13.4977, 0.2151, 0.1718
Android (android.graphics.Color)	4284046778 (0xFF595DBA)
YUV	102.4060, 41.2118, -11.7571
Hunter-Lab	36.7392, 17.8020, -52.0181

# Details

The Android color `4284046778` is a dark color, and the websafe version is hex `6666CC`. A complement of this color would be `4290426457`, and the grayscale version is `4284900966`.

A 20% lighter version of the original color is `4287729651`, and `4279906180` is the 20% darker color. If you saturate the color by 10%, you get `4282796986`, and if you desaturate by 10%, it is `4285296570`.

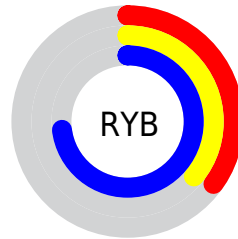
# Distribution



Red (35%)

Green (36%)

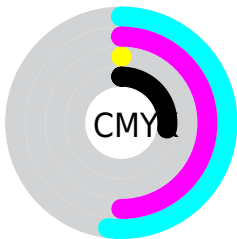
Blue (73%)



Red (35%)

Yellow (36%)

Blue (73%)

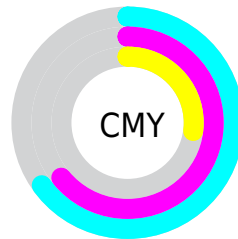


Cyan (52%)

Magenta (50%)

Yellow (0%)

Black (27%)



Cyan (65%)

Magenta (64%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284046778 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 4284046778 by changing the saturation by 10% instead.



■ 4284046778

■ 4284046778

4294967295

■ 4282140063

■ 4287729651

■ 4279906180

■ 4289637119

■ 4278197098

■ 4291479039

■ 4278191185

■ 4293452287

■ 4278191418

4294967039

■ 4278190627

■ 4278190090

■ 4278190080

■ 4284046778

■ 4284046778

■ 4282796986

■ 4285296570

■ 4281612730

■ 4286480826

■ 4280363194

■ 4287730362

■ 4279178938

■ 4288914618

■ 4278192314

■ 4290164410

■ 4291414202

■ 4292598458

■ 4293848250

■ 4294966714

# Harmonies

## Analogous

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



4278218435



4284046778



4288169883

# Triad

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



4284046778



4288892950



4278221664

# Complementary

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



4284046778



4290426457

# 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.



4278220848



4284046778



4286669568

# Square

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



4284046778



4290132801



4283723776



4278221711

# Rectangle

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



4284046778



4289608062



4283723776



4278221391



# Sweetspot

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



4284046778



4291546610



4284070581



4284703866



4294638330



4286216826



# Same Dimension

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



4284046778



4284113138



4286929338



4283650908



4278191772



4278190364



# Inverse Universe

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



4290402653



4294072928



4287543897



4284240723



4288413702



4280025089



# Previews

## White Background



This preview shows how the Android color 4284046778 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 4284046778 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 4284046778 Background



This preview shows how black text looks on a background with the Android color 4284046778.



This preview shows how white text looks on a background with the Android color 4284046778.

# 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





# Trichromacy



**Original Color**  
4284046778

**Protanomaly**  
4282540478

**Deuteranomaly**  
4281296056

**Tritanomaly**  
4283131791

# Monochromacy



**Original Color**  
4284046778

**Achromatopsia**  
4284900966

**Achromatomaly**  
4284572549

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284046778 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(89, 93, 186)` looks like.

```
.text, #text, p{  
    color:rgb(89, 93, 186)  
}
```

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(89, 93, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 93, 186) }
```

## Border

The CSS property to change the border of an element to Android 4284046778 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(89, 93, 186) }
```

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

```
.border{ border-color:rgb(89, 93, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 93, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 93, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 93, 186);  
box-shadow:4px 4px 4px 4px rgb(89, 93,  
186) }
```

# Background

The CSS property to change the background color of an element to Android 4284046778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 93, 186) }
```

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

```
.background{ background-color: rgb(89, 93,  
186) }
```

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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