

# Converting Colors

Android(4286675142)

Have a look what the booklet for  
Android(4286675142) contains.

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# Color

**Android(4286675142)**

# Conversions

Conversions Part 1	
Format	Color
Hex	8178C6
RGB	129, 120, 198
RGB Percent	51%, 47%, 78%
CMY	0.4941, 0.5294, 0.2235
CMYK	0.35, 0.39, 0.00, 0.22
HSL	247°, 41%, 62%
HSV	247°, 39%, 78%
XYZ	25.9628, 22.1773, 56.3383
YIQ	131.5830, -19.6740, 26.1660

# Conversions

## Conversions Part 2

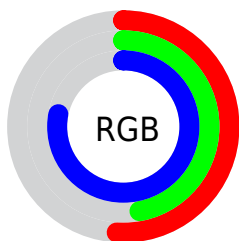
Format	Color
<a href="#">RYB</a>	<a href="#">129, 120, 198</a>
Decimal	<a href="#">8485062</a>
CIELab	<a href="#">54.21, 21.77, -39.50</a>
CIELCh	<a href="#">54, 45.105, 298.860</a>
Yxy	<a href="#">22.1773, 0.2485, 0.2123</a>
Android (android.graphics.Color)	<a href="#">4286675142</a> (0xFF8178C6)
YUV	<a href="#">131.5830, 32.7436, -2.2653</a>
Hunter-Lab	<a href="#">47.0928, 15.9967, -37.9653</a>

# Details

The Android color **4286675142** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **4290627192**, and the grayscale version is **4286808963**.

A 20% lighter version of the original color is **4290292991**, and **4283189136** is the 20% darker color. If you saturate the color by 10%, you get **4285490374**, and if you desaturate by 10%, it is **4287859910**.

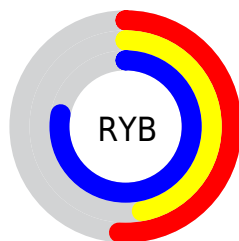
# Distribution



Red (51%)

Green (47%)

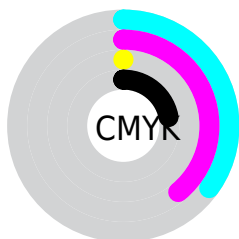
Blue (78%)



Red (51%)

Yellow (47%)

Blue (78%)

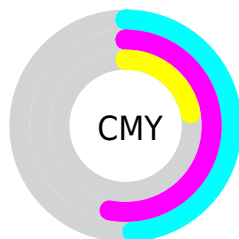


Cyan (35%)

Magenta (39%)

Yellow (0%)

Black (22%)



Cyan (49%)

Magenta (53%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286675142 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 4286675142 by changing the saturation by 10% instead.



 4286675142

 4286675142

4294967295

 4284899242

 4290292991

 4283189136

 4292135167

 4281479542

 4294042879

 4279508061

 4278191429

 4278190894

 4278190360

 4278190080

 4286675142

 4286675142

 4285490374

 4287859910


 4284371142

 4288979142

 4283186630

 4290163654

 4282067398

 4291282886

 4280882630

 4292467654

 4279763398

 4293586886

 4279697606

 4294770630

 4294967238

# Harmonies

## Analogous

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



4281108175



4286675142



4289751467

# Triad

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



4286675142



4290212159



4278228351

# Complementary

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



4286675142



4290627192

# 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.



4282356312



4286675142



4288249648

# Square

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



4286675142



4291322974



4285696570



4278228134

# Rectangle

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



4286675142



4290929042



4285696570



4278228081



# Sweetspot

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



4286675142



4293189887



4286103238



4285558400



4278190080



4286611584



# Same Dimension

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



4286675142



4287989759



4289165510



4284176995



4279435427



4278452260



# Inverse Universe

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



4291197117



4294936561



4288136824



4284701282



4288872592

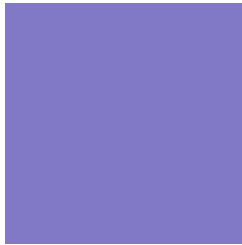


4280549408



# Previews

## White Background



This preview shows how the Android color 4286675142 looks on a white 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

# Black Background



This preview shows how the Android color 4286675142 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Android 4286675142 Background



This preview shows how black text looks on a background with the Android color 4286675142.



This preview shows how white text looks on a background with the Android color 4286675142.

# 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**


4286675142

**Protanopia**

4284841932

**Deuteranopia**

4284645828



**Tritanopia**  
4285891726

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286675142 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(129, 120, 198)` looks like.

```
.text, #text, p{  
    color:rgb(129, 120, 198)  
}
```

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(129, 120, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 120, 198) }
```

## Border

The CSS property to change the border of an element to Android 4286675142 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(129, 120, 198) }
```

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

```
.border{ border-color:rgb(129, 120, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 120, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 120, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 120, 198);  
box-shadow:4px 4px 4px 4px rgb(129, 120,  
198) }
```

# Background

The CSS property to change the background color of an element to Android 4286675142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 120, 198) }
```

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

```
.background{ background-color: rgb(129,  
120, 198) }
```

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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