

# Converting Colors

Android(4284937202)

Have a look what the booklet for  
Android(4284937202) contains.

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# **Color**

**Android(4284937202)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66F3F2
RGB	102, 243, 242
RGB Percent	40%, 95%, 95%
CMY	0.6000, 0.0471, 0.0510
CMYK	0.58, 0.00, 0.00, 0.05
HSL	180°, 85%, 68%
HSV	180°, 58%, 95%
XYZ	53.5571, 73.3368, 95.3371
YIQ	200.7270, -83.7150, -30.2030

# Conversions

## Conversions Part 2

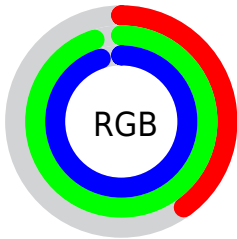
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">102, 173, 243</a>
Decimal	<a href="#">6747122</a>
<a href="#">CIELab</a>	<a href="#">88.61, -37.92, -10.98</a>
<a href="#">CIElCh</a>	<a href="#">89, 39.474, 196.147</a>
<a href="#">Yxy</a>	<a href="#">73.3368, 0.2410, 0.3300</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4284937202 (0xFF66F3F2)</a>
<a href="#">YUV</a>	<a href="#">200.7270, 20.3476, -86.5836</a>
<a href="#">Hunter-Lab</a>	<a href="#">85.6369, -38.2311, -6.0600</a>

# Details

The Android color `4284937202` is a light color, and the websafe version is hex `66FFFF`. A complement of this color would be `4294141543`, and the grayscale version is `4291414473`.

A 20% lighter version of the original color is `4289069055`, and `4278565562` is the 20% darker color. If you saturate the color by 10%, you get `4283364338`, and if you desaturate by 10%, it is `4286510066`.

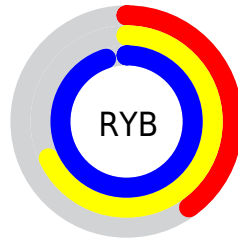
# Distribution



Red (40%)

Green (95%)

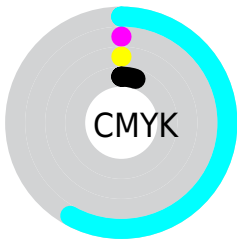
Blue (95%)



Red (40%)

Yellow (68%)

Blue (95%)

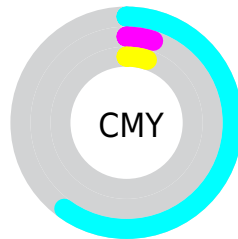


Cyan (58%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (60%)

Magenta (5%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284937202 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 4284937202 by changing the saturation by 10% instead.



 4284937202


 4284937202

4294967295

 4282570454

 4289069055

 4278565562

 4291100671

 4278230943

 4293132287

 4278224005

 4278217324

 4278211156

 4278204988

 4278199591

 4278190355

 4284937202

 4284937202

 4283364338

 4286510066


 4281725938

 4288148466

 4280153073

 4289721331

 4278580209

 4291294195

 4278252529

 4292867059

 4294505459

 4294964211

 4294964212

# Harmonies

## Analogous

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



4287492811



4284937202



4284805375

# Triad

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



4284937202



4294823679



4294956694

# Complementary

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



4284937202



4294141543

# 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.



4294953642



4284937202



4294952178

# Square

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



4284937202



4291550207



4294951883



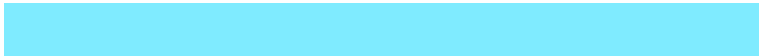
4293190549

# Rectangle

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



4284937202



4286573567



4294951883



4294955674



# Sweetspot

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



4284937202



4292149247



4285068134



4284907647



4278190080



4286611584



# Same Dimension

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



4284937202



4283301886



4284919795



4285430394



4278237881



4278205242



# Inverse Universe

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



4294141543



4294921550



4294158950



4286213742



4290379777

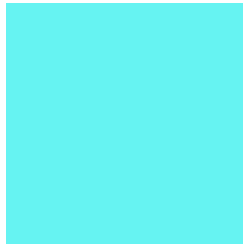


4282056704



# Previews

## White Background



This preview shows how the Android color 4284937202 looks on a white background.

## Color Contrast Check

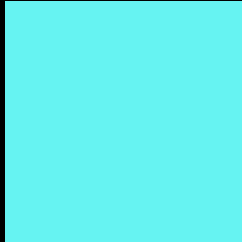
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4284937202 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 ✓ Pass

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



# Android 4284937202 Background



This preview shows how black text looks on a background with the Android color 4284937202.

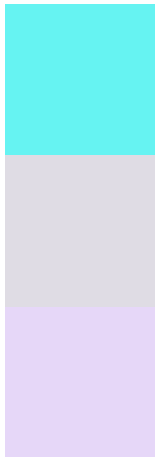


This preview shows how white text looks on a background with the Android color 4284937202.

# 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**  
4284937202

**Protanopia**  
4292861156

**Deuteranopia**  
4293318648



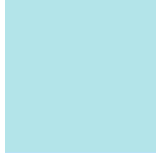
**Tritanopia**  
4286836479

# Trichromacy



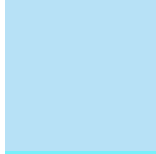
**Original Color**

4284937202



**Protanomaly**

4289979625



**Deuteranomaly**

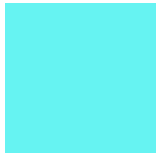
4290241014



**Tritanomaly**

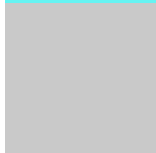
4286116090

# Monochromacy



**Original Color**

4284937202



**Achromatopsia**

4291414473



**Achromatomaly**

4289059032

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284937202 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(102, 243, 242)` looks like.

```
.text, #text, p{  
    color:rgb(102, 243, 242)  
}
```

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(102, 243, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 243, 242) }
```

## Border

The CSS property to change the border of an element to Android 4284937202 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(102, 243, 242) }
```

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

```
.border{ border-color:rgb(102, 243, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 243, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 243, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 243, 242);  
box-shadow:4px 4px 4px 4px rgb(102, 243,  
242) }
```

# Background

The CSS property to change the background color of an element to Android 4284937202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 243, 242) }
```

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

```
.background{ background-color: rgb(102,  
243, 242) }
```

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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