

# Converting Colors

Android(4284928204)

Have a look what the booklet for  
Android(4284928204) contains.

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**Color**

**Android(4284928204)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66D0CC
RGB	102, 208, 204
RGB Percent	40%, 82%, 80%
CMY	0.6000, 0.1843, 0.2000
CMYK	0.51, 0.00, 0.02, 0.18
HSL	178°, 53%, 61%
HSV	178°, 51%, 82%
XYZ	38.9344, 52.2962, 65.1688
YIQ	175.8500, -61.8920, -23.7160

# Conversions

## Conversions Part 2

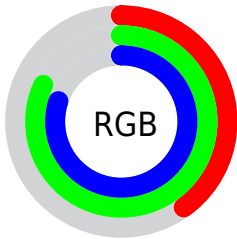
Format	Color
<a href="#">RYB</a>	<a href="#">102, 156, 208</a>
Decimal	<a href="#">6738124</a>
<a href="#">CIELab</a>	<a href="#">77.46, -31.50, -7.41</a>
<a href="#">CIElCh</a>	<a href="#">77, 32.358, 193.246</a>
<a href="#">Yxy</a>	<a href="#">52.2962, 0.2489, 0.3344</a>
Android (android.graphics.Color)	<a href="#">4284928204</a> ( <a href="#">0xFF66D0CC</a> )
<a href="#">YUV</a>	<a href="#">175.8500, 13.8780, -64.7664</a>
<a href="#">Hunter-Lab</a>	<a href="#">72.3161, -30.4501, -2.8089</a>

# Details

The Android color `4284928204` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4291847786`, and the grayscale version is `4289769648`.

A 20% lighter version of the original color is `4288741375`, and `4280588694` is the 20% darker color. If you saturate the color by 10%, you get `4283551947`, and if you desaturate by 10%, it is `4286304461`.

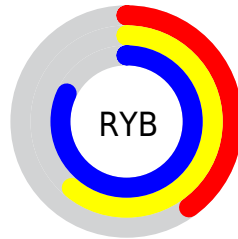
# Distribution



Red (40%)

Green (82%)

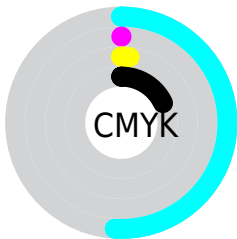
Blue (80%)



Red (40%)

Yellow (61%)

Blue (82%)

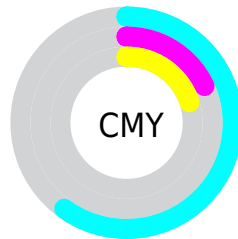


Cyan (51%)

Magenta (0%)

Yellow (2%)

Black (18%)



Cyan (60%)

Magenta (18%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284928204 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 4284928204 by changing the saturation by 10% instead.



 4284928204

 4284928204

4294967295

 4282889393

 4288741375

 4280588694

 4290707455

 4278222716

 4292607999

 4278216035

 4294574079

 4278209867

 4278203701

 4278198816

 4278190087

 4278190080

 4284928204

 4284928204

 4283551947

 4286304461

 4282175690

 4287680718

 4280864970

 4288991438

 4279488713

 4290367695

 4278243528

 4291743952

 4293120209

 4294496465

 4294955218

 4294955219

# Harmonies

## Analogous

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



4286828461



4284928204



4284665575

# Triad

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



4284928204



4292129771



4293113990

# Complementary

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



4284928204



4291847786

# 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.



4294356632



4284928204



4293962705

# Square

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



4284928204



4289511161



4294683059



4291281541

# Rectangle

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



4284928204



4285778676



4294683059



4293637259



# Sweetspot

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



4284928204



4292476926



4285255782



4285104255



4278190080



4286611584



# Same Dimension

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



4284928204



4284743673



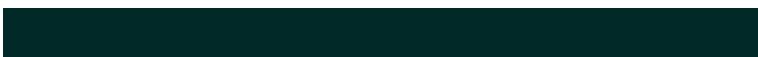
4284915920



4284377448



4278233250



4278200615



# Inverse Universe

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



4291847786



4294927209



4291860070



4285095518



4289200134

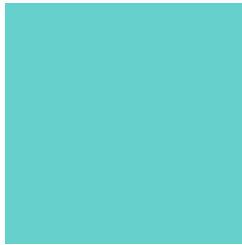


4280877058



# Previews

## White Background



This preview shows how the Android color 4284928204 looks on a white background.

## Color Contrast Check

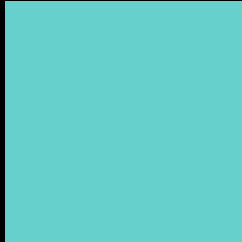
Large Text (above 18pt) WCAG AA × Fail

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 4284928204 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 4284928204 Background



This preview shows how black text looks on a background with the Android color 4284928204.



This preview shows how white text looks on a background with the Android color 4284928204.

# 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**

4284928204



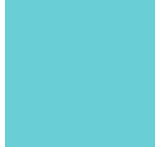
**Protanomaly**

4288726213



**Deuteranomaly**

4288987599



**Tritanomaly**

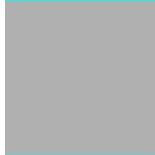
4285189847

# Monochromacy



**Original Color**

4284928204



**Achromatopsia**

4289769648



**Achromatomaly**

4288003258

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284928204 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, 208, 204)` looks like.

```
.text, #text, p{  
    color:rgb(102, 208, 204)  
}
```

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, 208, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 208, 204) }
```

## Border

The CSS property to change the border of an element to Android 4284928204 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, 208, 204) }
```

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

```
.border{ border-color:rgb(102, 208, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 208, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 208, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 208, 204);  
box-shadow:4px 4px 4px 4px rgb(102, 208,  
204) }
```

# Background

The CSS property to change the background color of an element to Android 4284928204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 208, 204) }
```

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

```
.background{ background-color: rgb(102,  
208, 204) }
```

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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