

# Converting Colors

Android(4284213725)

Have a look what the booklet for  
Android(4284213725) contains.

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**Color**

**Android(4284213725)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BE9DD
RGB	91, 233, 221
RGB Percent	36%, 91%, 87%
CMY	0.6431, 0.0863, 0.1333
CMYK	0.61, 0.00, 0.05, 0.09
HSL	175°, 76%, 64%
HSV	175°, 61%, 91%
XYZ	46.5044, 65.7224, 78.6413
YIQ	189.1740, -80.7800, -33.8360

# Conversions

## Conversions Part 2

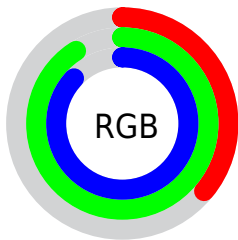
Format	Color
R <sub>Y</sub> B	91, 165, 233
Decimal	6023645
CIE Lab	84.85, -40.73, -5.56
CIE LCh	85, 41.102, 187.768
Yxy	65.7224, 0.2436, 0.3443
Android (android.graphics.Color)	4284213725 (0xFF5BE9DD)
YUV	189.1740, 15.6902, -86.0986
Hunter-Lab	81.0694, -39.4771, -0.7656

# Details

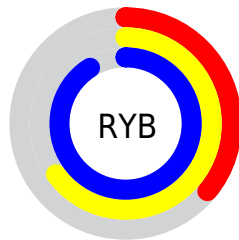
The Android color `4284213725` is a light color, and the websafe version is hex `66FFFF`. The color can be described as light muted cyan. A complement of this color would be `4293483367`, and the grayscale version is `4290624957`.

A 20% lighter version of the original color is `4288413695`, and `4278235558` is the 20% darker color. If you saturate the color by 10%, you get `4282706395`, and if you desaturate by 10%, it is `4285721055`.

# Distribution



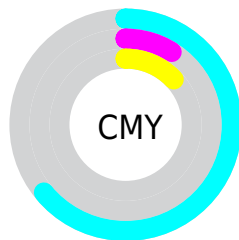
- Red (36%)
- Green (91%)
- Blue (87%)



- Red (36%)
- Yellow (65%)
- Blue (91%)



- Cyan (61%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)



- Cyan (64%)
- Magenta (9%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284213725 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 4284213725 by changing the saturation by 10% instead.





4284213725



4284213725

4294967295



4281781441



4288413695



4278235558



4290379775



4278228364



4292411391



4278221682



4294443007



4278215002



4278208834



4278202668



4278196760




4278190080

 4284213725

 4284213725

 4282706395

 4285721055

 4281133529

 4287293921

 4279626199

 4288801251

 4278249941

 4290308581

 4291881447

 4293388777

 4294896107

 4294961645

 4294961647

# Harmonies

## Analogous

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



4287358901



4284213725



4282705919

# Triad

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



4284213725



4293314303



4294953101

# Complementary

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



4284213725



4293483367

# 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.



4294950054



4284213725



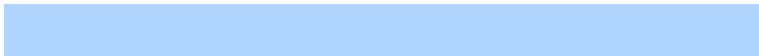
4294949618

# Square

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



4284213725



4289647871



4294948555



4293186950

# Rectangle

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



4284213725



4284277759



4294948555



4294951827

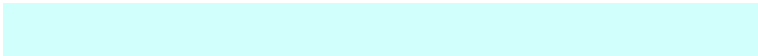


# Sweetspot

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



4284213725



4291952635



4285131099



4284711037



4278190080



4286611584



# Same Dimension

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



4284213725



4282777583



4284199145



4285166964



4278236582



4278203953



# Inverse Universe

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



4293483367



4294919509



4293497947



4285885035



4290052111

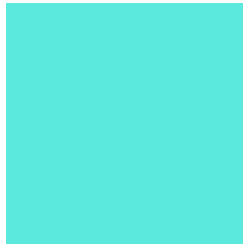


4281729029



# Previews

## White Background



This preview shows how the Android color 4284213725 looks on a white background.

## Color Contrast Check

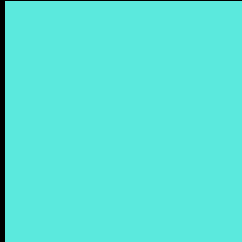
Large Text (above 18pt) WCAG AA × Fail

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 4284213725 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

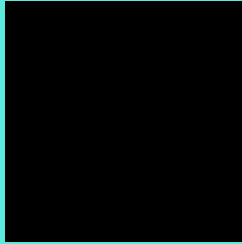
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

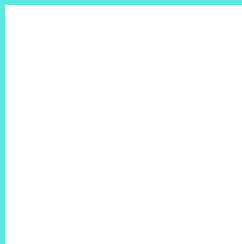
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4284213725 Background



This preview shows how black text looks on a background with the Android color 4284213725.

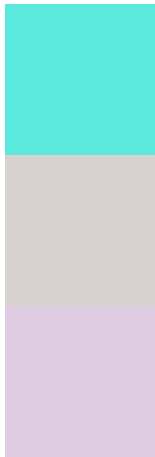


This preview shows how white text looks on a background with the Android color 4284213725.

# 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**  
4284213725

**Protanopia**  
4292334031

**Deuteranopia**  
4292857059



# Trichromacy



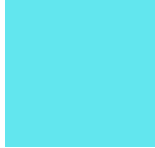
**Original Color**  
4284213725



**Protanomaly**  
4289387220



**Deuteranomaly**  
4289714145

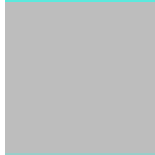


**Tritanomaly**  
4284671726

# Monochromacy



**Original Color**  
4284213725



**Achromatopsia**  
4290624957



**Achromatomaly**  
4288269769

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284213725 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(91, 233, 221)` looks like.

```
.text, #text, p{  
    color:rgb(91, 233, 221)  
}
```

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(91, 233, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 233, 221) }
```

## Border

The CSS property to change the border of an element to Android 4284213725 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(91, 233, 221) }
```

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

```
.border{ border-color:rgb(91, 233, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 233, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 233, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 233, 221);  
box-shadow:4px 4px 4px 4px rgb(91, 233,  
221) }
```

# Background

The CSS property to change the background color of an element to Android 4284213725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 233, 221) }
```

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

```
.background{ background-color: rgb(91, 233,  
221) }
```

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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