

# Converting Colors

Android(4284342720)

Have a look what the booklet for  
Android(4284342720) contains.

<b>Android(4284342720)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Android(4284342720)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DE1C0
RGB	93, 225, 192
RGB Percent	36%, 88%, 75%
CMY	0.6353, 0.1176, 0.2471
CMYK	0.59, 0.00, 0.15, 0.12
HSL	165°, 69%, 62%
HSV	165°, 59%, 88%
XYZ	40.9538, 59.9834, 59.2886
YIQ	181.7700, -68.0790, -38.2470

# Conversions

## Conversions Part 2

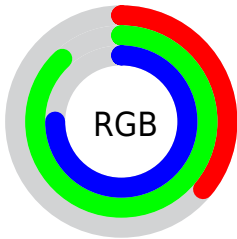
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 168, 225
Decimal	6152640
CIELab	81.83, -44.03, 5.35
CIELCh	82, 44.352, 173.068
Yxy	59.9834, 0.2556, 0.3744
Android (android.graphics.Color)	4284342720 (0xFF5DE1C0)
YUV	181.7700, 5.0434, -77.8513
Hunter-Lab	77.4489, -41.1475, 8.8266

# Details

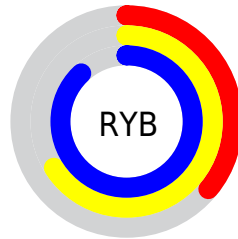
The Android color `4284342720` is a light color, and the websafe version is hex `66CC99`. The color can be described as light muted cyan. A complement of this color would be `4292959614`, and the grayscale version is `4290164406`.

A 20% lighter version of the original color is `4288348152`, and `4278364555` is the 20% darker color. If you saturate the color by 10%, you get `4282900922`, and if you desaturate by 10%, it is `4285850054`.

# Distribution



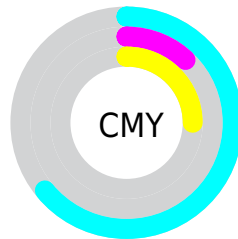
- Red (36%)
- Green (88%)
- Blue (75%)



- Red (36%)
- Yellow (66%)
- Blue (88%)



- Cyan (59%)
- Magenta (0%)
- Yellow (15%)
- Black (12%)



- Cyan (64%)
- Magenta (12%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284342720 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 4284342720 by changing the saturation by 10% instead.



 4284342720

 4284342720

4294967295

 4282107301

 4288348152

 4278364555

 4290314239

 4278226545

 4292280319

 4278219865

 4294246399

 4278213185

 4278207019

 4278201367

 4278193152

 4278190080

 4284342720

 4284342720

 4282900922

 4285850054

 4281393589

 4287291851


 4279951791

 4288799185

 4278444458

 4290240983

 4278247849

 4291748316

 4293190114

 4294697447

 4294959597

 4294959603

# Harmonies

## Analogous

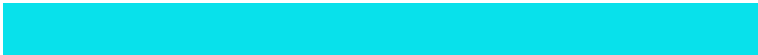
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288076952



4284342720



4278772203

# Triad

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



4284342720



4290954495



4294948746

# Complementary

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



4284342720



4292959614

# 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.



4294946221



4284342720



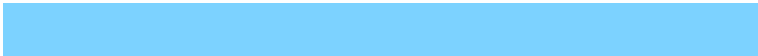
4294424062

# Square

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



4284342720



4286370559



4294946007



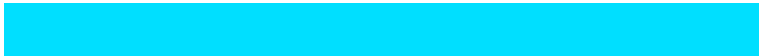
4293903992

# Rectangle

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



4284342720



4278247423



4294946007



4294947733

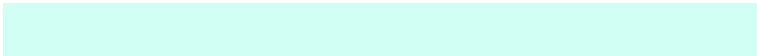


# Sweetspot

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



4284342720



4291952628



4286505309



4284711032



4278190080



4286611584



# Same Dimension

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



4284342720



4283301842



4284334305



4284837997



4278235268



4278202404



# Inverse Universe

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



4292959614



4294921593



4292968029



4285556072



4289724460

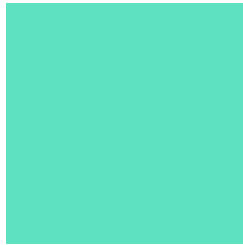


4281335820



# Previews

## White Background



This preview shows how the Android color 4284342720 looks on a white background.

## Color Contrast Check

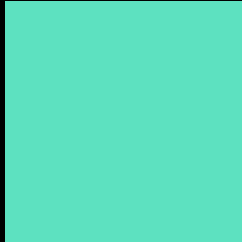
Large Text (above 18pt) WCAG AA × Fail

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 4284342720 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

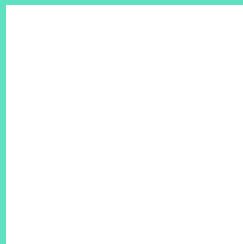
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4284342720 Background



This preview shows how black text looks on a background with the Android color 4284342720.

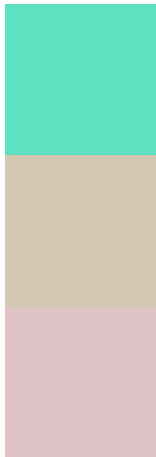


This preview shows how white text looks on a background with the Android color 4284342720.

# 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**  
4284342720

**Protanopia**  
4292069811

**Deuteranopia**  
4292854726



# Trichromacy



**Original Color**

4284342720



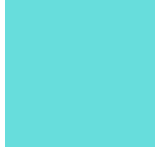
**Protanomaly**

4289254072



**Deuteranomaly**

4289777348



**Tritanomaly**

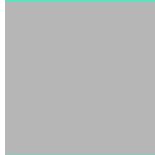
4284997084

# Monochromacy



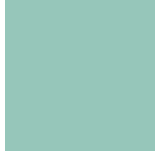
**Original Color**

4284342720



**Achromatopsia**

4290164406



**Achromatomaly**

4288071354

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284342720 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(93, 225, 192)` looks like.

```
.text, #text, p{  
    color:rgb(93, 225, 192)  
}
```

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(93, 225, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 225, 192) }
```

## Border

The CSS property to change the border of an element to Android 4284342720 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(93, 225, 192) }
```

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

```
.border{ border-color:rgb(93, 225, 192) }
```

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

Here you see how a box with a 4 pixel rgb(93, 225, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 225, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 225, 192);  
box-shadow:4px 4px 4px 4px rgb(93, 225,  
192) }
```

# Background

The CSS property to change the background color of an element to Android 4284342720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 225, 192) }
```

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

```
.background{ background-color: rgb(93, 225,  
192) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor