

# Converting Colors

Android(4282445759)

Have a look what the booklet for  
Android(4282445759) contains.

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# **Color**

**Android(4282445759)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40EFBF
RGB	64, 239, 191
RGB Percent	25%, 94%, 75%
CMY	0.7490, 0.0627, 0.2510
CMYK	0.73, 0.00, 0.20, 0.06
HSL	164°, 85%, 59%
HSV	164°, 73%, 94%
XYZ	42.3848, 66.5846, 59.9084
YIQ	181.2030, -88.8920, -52.0280

# Conversions

## Conversions Part 2

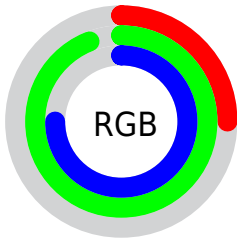
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">64, 165, 239</a>
Decimal	<a href="#">4255679</a>
CIELab	<a href="#">85.29, -54.61, 10.76</a>
CIELCh	<a href="#">85, 55.663, 168.855</a>
Yxy	<a href="#">66.5846, 0.2510, 0.3943</a>
Android (android.graphics.Color)	<a href="#">4282445759 (0xFF40EFBF)</a>
YUV	<a href="#">181.2030, 4.8299, -102.7870</a>
Hunter-Lab	<a href="#">81.5994, -50.0814, 13.5902</a>

# Details

The Android color `4282445759` is a light color, and the websafe version is hex `66FFCC`. The color can be described as light muted spring green. A complement of this color would be `4293869680`, and the grayscale version is `4290098613`.

A 20% lighter version of the original color is `4287102967`, and `4278236810` is the 20% darker color. If you saturate the color by 10%, you get `4280872888`, and if you desaturate by 10%, it is `4284018630`.

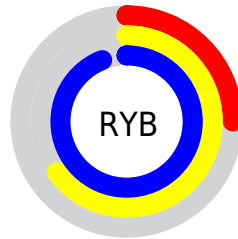
# Distribution



Red (25%)

Green (94%)

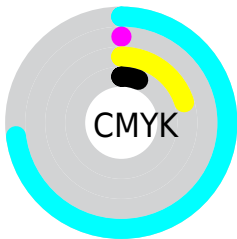
Blue (75%)



Red (25%)

Yellow (65%)

Blue (94%)

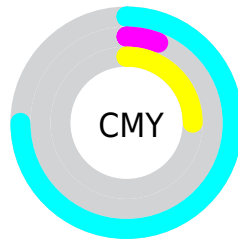


Cyan (73%)

Magenta (0%)

Yellow (20%)

Black (6%)



Cyan (75%)

Magenta (6%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282445759 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 4282445759 by changing the saturation by 10% instead.



 4282445759

 4282445759

4294967295

 4278244004

 4287102967

 4278236810

 4289200127

 4278229616

 4291231743

 4278222680

 4293263359

 4278216000

 4278209578

 4278203413

 4278196992

 4278190080

 4282445759

 4282445759

 4280872888

 4284018630

 4279300018

 4285591500

 4278251437

 4287164371

 4288737241

 4290310112

 4291817446

 4293390317

 4294963187

 4294963194

# Harmonies

## Analogous

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



4288211086



4282445759



4278251765

# Triad

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



4282445759



4290498559



4294949000

# Complementary

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



4282445759



4293869680

# 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.



4294945718



4282445759



4294949887

# Square

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



4282445759



4282835199



4294946027



4294953836

# Rectangle

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



4282445759



4278251263



4294946027



4294947734

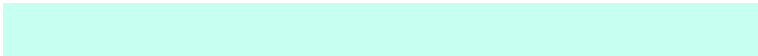


# Sweetspot

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



4282445759



4291297264



4285722432



4284383350



4278190080



4286611584



# Same Dimension

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



4282445759



4280287169



4282436079



4285298805



4278237317



4278204457



# Inverse Universe

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



4293869680



4294909788



4293879360



4286082159



4290248754

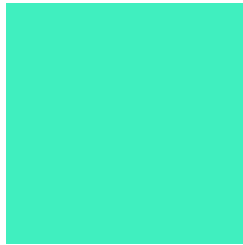


4281860111



# Previews

## White Background



This preview shows how the Android color 4282445759 looks on a white background.

## Color Contrast Check

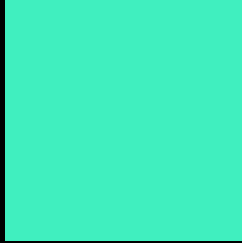
Large Text (above 18pt) WCAG AA × Fail

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 4282445759 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 4282445759 Background



This preview shows how black text looks on a background with the Android color 4282445759.



This preview shows how white text looks on a background with the Android color 4282445759.

# 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





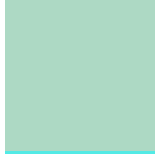
# Trichromacy



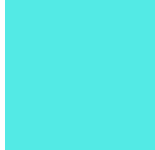
**Original Color**  
4282445759



**Protanomaly**  
4289060278



**Deuteranomaly**  
4289583556

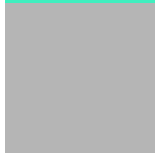


**Tritanomaly**  
4283689701

# Monochromacy



**Original Color**  
4282445759



**Achromatopsia**  
4290098613



**Achromatomaly**  
4287285945

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282445759 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(64, 239, 191)` looks like.

```
.text, #text, p{  
    color:rgb(64, 239, 191)  
}
```

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(64, 239, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 239, 191) }
```

## Border

The CSS property to change the border of an element to Android 4282445759 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(64, 239, 191) }
```

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

```
.border{ border-color:rgb(64, 239, 191) }
```

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

Here you see how a box with a 4 pixel rgb(64, 239, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 239, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 239, 191);  
box-shadow:4px 4px 4px 4px rgb(64, 239,  
191) }
```

# Background

The CSS property to change the background color of an element to Android 4282445759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 239, 191) }
```

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

```
.background{ background-color: rgb(64, 239,  
191) }
```

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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