

# Converting Colors

Android(4283545765)

Have a look what the booklet for  
Android(4283545765) contains.

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**Color**

**Android(4283545765)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51B8A5
RGB	81, 184, 165
RGB Percent	32%, 72%, 65%
CMY	0.6824, 0.2784, 0.3529
CMYK	0.56, 0.00, 0.10, 0.28
HSL	169°, 42%, 52%
HSV	169°, 56%, 72%
XYZ	27.3254, 38.7469, 41.6360
YIQ	151.0370, -55.2890, -27.7450

# Conversions

## Conversions Part 2

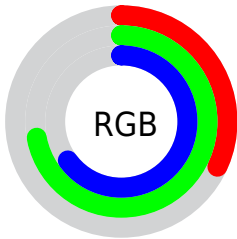
Format	Color
<a href="#">RYB</a>	<a href="#">81, 138, 184</a>
Decimal	<a href="#">5355685</a>
CIELab	<a href="#">68.57, -34.52, 0.64</a>
CIElCh	<a href="#">69, 34.522, 178.938</a>
Yxy	<a href="#">38.7469, 0.2537, 0.3597</a>
Android (android.graphics.Color)	<a href="#">4283545765</a> ( <a href="#">0xFF51B8A5</a> )
YUV	<a href="#">151.0370, 6.8838, -61.4224</a>
Hunter-Lab	<a href="#">62.2470, -30.5739, 3.9148</a>

# Details

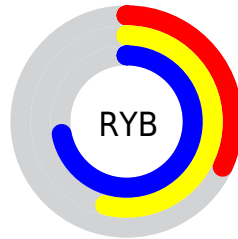
The Android color `4283545765` is a dark color, and the websafe version is hex `66CCCC`. A complement of this color would be `4290269540`, and the grayscale version is `4288124823`.

A 20% lighter version of the original color is `4287361500`, and `4278223473` is the 20% darker color. If you saturate the color by 10%, you get `4282366114`, and if you desaturate by 10%, it is `4284725416`.

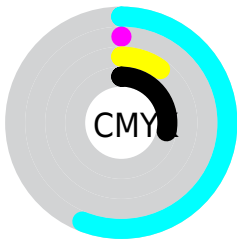
# Distribution



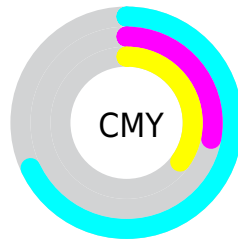
- Red (32%)
- Green (72%)
- Blue (65%)



- Red (32%)
- Yellow (54%)
- Blue (72%)



- Cyan (56%)
- Magenta (0%)
- Yellow (10%)
- Black (28%)



- Cyan (68%)
- Magenta (28%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283545765 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 4283545765 by changing the saturation by 10% instead.





4283545765



4283545765

4294967295



4281507211



4287361500



4278223473



4289200120



4278217049



4291100671



4278210626



4293066751



4278204460



4278199319



4278190080



4283545765




4283545765



4282366114



4284725416

 4281120926

 4285970604

 4279941275

 4287150255


 4278696087

 4288395443

 4278237334

 4289575094

 4290754745

 4291999933

 4293179584

 4294424772

# Harmonies

## Analogous

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



4286100870



4283545765



4281644996

# Triad

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



4283545765



4289372382



4292254323

# Complementary

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



4283545765



4290269540

# 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.



4293169803



4283545765



4291728840

# Square

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



4283545765



4286229477



4293037994



4290618729

# Rectangle

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



4283545765



4282103253



4293037994



4292646777



# Sweetspot

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



4283545765



4291293416



4284921937



4284512371



4294440951



4286085240



# Same Dimension

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



4283545765



4283429074



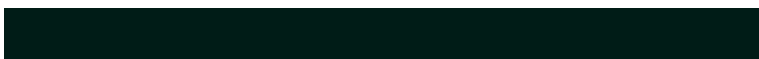
4283537848



4283653210



4278230143



4278197271



# Inverse Universe

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



4290269540



4293939053



4290277457



4284240724



4288413725

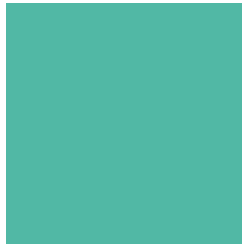


4280025093



# Previews

## White Background



This preview shows how the Android color 4283545765 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 4283545765 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 4283545765 Background



This preview shows how black text looks on a background with the Android color 4283545765.

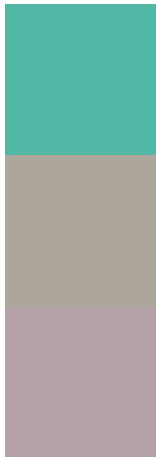


This preview shows how white text looks on a background with the Android color 4283545765.

# 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**  
4283545765

**Protanopia**  
4289504923

**Deuteranopia**  
4290027946



# Trichromacy



**Original Color**

4283545765



**Protanomaly**

4287344031



**Deuteranomaly**

4287670696



**Tritanomaly**

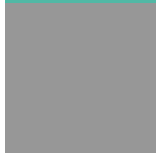
4283938231

# Monochromacy



**Original Color**

4283545765



**Achromatopsia**

4288124823



**Achromatomaly**

4286489500

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283545765 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(81, 184, 165)` looks like.

```
.text, #text, p{  
    color:rgb(81, 184, 165)  
}
```

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(81, 184, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 184, 165) }
```

## Border

The CSS property to change the border of an element to Android 4283545765 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(81, 184, 165) }
```

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

```
.border{ border-color:rgb(81, 184, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 184, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 184, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 184, 165);  
box-shadow:4px 4px 4px 4px rgb(81, 184,  
165) }
```

# Background

The CSS property to change the background color of an element to Android 4283545765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 184, 165) }
```

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

```
.background{ background-color: rgb(81, 184,  
165) }
```

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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