

# Converting Colors

Android(4283476150)

Have a look what the booklet for  
Android(4283476150) contains.

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**Color**

**Android(4283476150)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50A8B6
RGB	80, 168, 182
RGB Percent	31%, 66%, 71%
CMY	0.6863, 0.3412, 0.2863
CMYK	0.56, 0.08, 0.00, 0.29
HSL	188°, 41%, 51%
HSV	188°, 56%, 71%
XYZ	25.7544, 33.0881, 49.2852
YIQ	143.2840, -56.9420, -14.3020

# Conversions

## Conversions Part 2

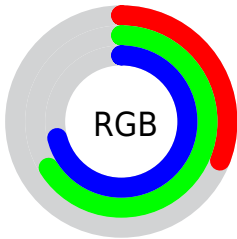
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 127, 182
Decimal	5286070
CIELab	64.23, -22.28, -15.23
CIELCh	64, 26.987, 214.357
Yxy	33.0881, 0.2382, 0.3060
Android (android.graphics.Color)	4283476150 (0xFF50A8B6)
YUV	143.2840, 19.0870, -55.5001
Hunter-Lab	57.5223, -20.7444, -10.5342

# Details

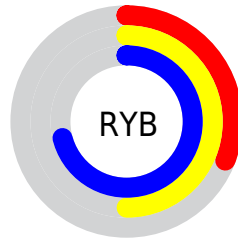
The Android color `4283476150` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4290141776`, and the grayscale version is `4287598479`.

A 20% lighter version of the original color is `4287291374`, and `4278219905` is the 20% darker color. If you saturate the color by 10%, you get `4282295990`, and if you desaturate by 10%, it is `4284656310`.

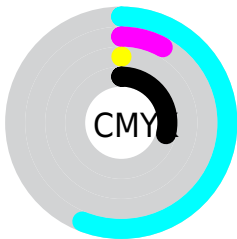
# Distribution



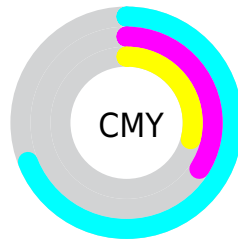
- Red (31%)
- Green (66%)
- Blue (71%)



- Red (31%)
- Yellow (50%)
- Blue (71%)



- Cyan (56%)
- Magenta (8%)
- Yellow (0%)
- Black (29%)



- Cyan (69%)
- Magenta (34%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283476150 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 4283476150 by changing the saturation by 10% instead.



 4283476150

 4283476150

4294967295

 4281437595

 4287291374

 4278219905

 4289133823

 4278213480

 4291035135

 4278207312

 4293001215

 4278201401

4294901759

 4278196515

 4278190349

 4278190080

 4283476150

 4283476150

■ 4282295990

■ 4284656310

■ 4281115574

■ 4285836726

■ 4279869878

■ 4287082422

■ 4278689462

■ 4288262838

■ 4278230454

■ 4289442998

■ 4290623414

■ 4291803574

■ 4293049526

■ 4294229686

# Harmonies

## Analogous

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



4284131742



4283476150



4284589254

# Triad

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



4283476150



4290678193



4289305452

# Complementary

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



4283476150



4290141776

# 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.



4290679665



4283476150



4291529369

# Square

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



4283476150



4288976067



4291464322



4287603315

# Rectangle

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



4283476150



4285964235



4291464322



4289829228



# Sweetspot

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



4283476150



4291160301



4283479646



4284511608



4294440951



4286085240



# Same Dimension

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



4283476150



4283357165



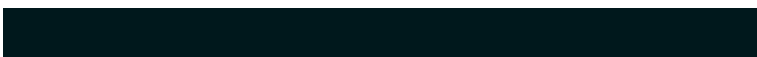
4283463094



4283652956



4278224540



4278196252



# Inverse Universe

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



4290138280



4293742295



4290154832



4284240731



4288413830



4280025112



# Previews

## White Background



This preview shows how the Android color 4283476150 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 4283476150 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 4283476150 Background



This preview shows how black text looks on a background with the Android color 4283476150.



This preview shows how white text looks on a background with the Android color 4283476150.

# 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**

4283476150



**Protanomaly**

4286488496



**Deuteranomaly**

4286619065



**Tritanomaly**

4283476150

# Monochromacy



**Original Color**

4283476150



**Achromatopsia**

4287598479



**Achromatomaly**

4286093469

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283476150 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(80, 168, 182)` looks like.

```
.text, #text, p{  
    color:rgb(80, 168, 182)  
}
```

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(80, 168, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 168, 182) }
```

## Border

The CSS property to change the border of an element to Android 4283476150 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(80, 168, 182) }
```

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

```
.border{ border-color:rgb(80, 168, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 168, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 168, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 168, 182);  
box-shadow:4px 4px 4px 4px rgb(80, 168,  
182) }
```

# Background

The CSS property to change the background color of an element to Android 4283476150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 168, 182) }
```

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

```
.background{ background-color: rgb(80, 168,  
182) }
```

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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