

# Converting Colors

Android(4280445883)

Have a look what the booklet for  
Android(4280445883) contains.

<b>Android(4280445883)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4280445883)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	226BBB
RGB	34, 107, 187
RGB Percent	13%, 42%, 73%
CMY	0.8667, 0.5804, 0.2667
CMYK	0.82, 0.43, 0.00, 0.27
HSL	211°, 69%, 43%
HSV	211°, 82%, 73%
XYZ	14.8870, 14.4433, 49.0169
YIQ	94.2930, -69.1880, 9.4040

# Conversions

## Conversions Part 2

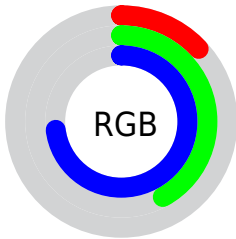
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	34, 83, 187
Decimal	2255803
CIE <sub>Lab</sub>	44.86, 7.18, -48.35
CIE <sub>LCh</sub>	45, 48.879, 278.452
Yxy	14.4433, 0.1900, 0.1844
Android (android.graphics.Color)	4280445883 (0xFF226BBB)
YUV	94.2930, 45.7046, -52.8770
Hunter-Lab	38.0044, 3.4141, -49.8674

# Details

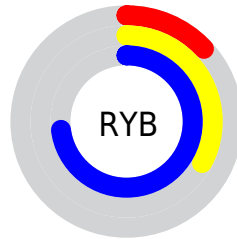
The Android color `4280445883` is a dark color, and the websafe version is hex `0066CC`. A complement of this color would be `4290474530`, and the grayscale version is `4284374622`.

A 20% lighter version of the original color is `4285046516`, and `4278205829` is the 20% darker color. If you saturate the color by 10%, you get `4279198139`, and if you desaturate by 10%, it is `4281693627`.

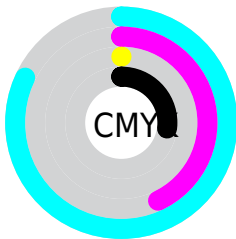
# Distribution



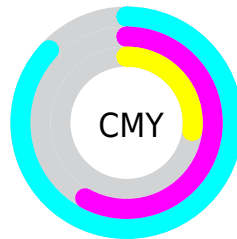
- Red (13%)
- Green (42%)
- Blue (73%)



- Red (13%)
- Yellow (33%)
- Blue (73%)



- Cyan (82%)
- Magenta (43%)
- Yellow (0%)
- Black (27%)



- Cyan (87%)
- Magenta (58%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280445883 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 4280445883 by changing the saturation by 10% instead.





4280445883



4280445883

4294967295



4278211488



4285046516



4278205829



4287019519



4278200427



4288992511



4278195283



4290965759



4278191675



4292935679



4278190628

4294901759



4278190092



4278190080



4280445883



4280445883

■ 4279198139

■ 4281693627

■ 4278213051

■ 4282875835

■ 4284123323

■ 4285371067

■ 4286553275

■ 4287801019

■ 4289048507

■ 4290296251

■ 4291478459

# Harmonies

## Analogous

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



4278220470



4280445883



4286274218

# Triad

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



4280445883



4289547322



4278221643

# Complementary

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



4280445883



4290474530

# 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.



4282938917



4280445883



4288044314

# Square

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



4280445883



4289938016



4285819916



4278222197

# Rectangle

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



4280445883



4288237205



4285819916



4279794237



# Sweetspot

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



4280445883



4290171890



4280466289



4283852666



4294638330



4286216826



# Same Dimension

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



4280445883



4278548210



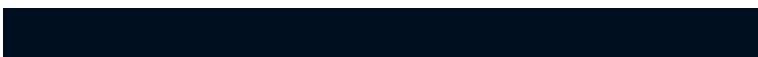
4280623803



4283783518



4278209438



4278193951



# Inverse Universe

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



4290454123



4294051190



4290296610



4284372313



4288544843



4280221711



# Previews

## White Background



This preview shows how the Android color 4280445883 looks on a white 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 × Fail

# Black Background



This preview shows how the Android color 4280445883 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4280445883 Background



This preview shows how black text looks on a background with the Android color 4280445883.



This preview shows how white text looks on a background with the Android color 4280445883.

# 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



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280445883 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(34, 107, 187)` looks like.

```
.text, #text, p{  
    color:rgb(34, 107, 187)  
}
```

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(34, 107, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 107, 187) }
```

## Border

The CSS property to change the border of an element to Android 4280445883 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(34, 107, 187) }
```

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

```
.border{ border-color:rgb(34, 107, 187) }
```

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

Here you see how a box with a 4 pixel rgb(34, 107, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 107, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 107, 187);  
box-shadow:4px 4px 4px 4px rgb(34, 107,  
187) }
```

# Background

The CSS property to change the background color of an element to Android 4280445883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 107, 187) }
```

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

```
.background{ background-color: rgb(34, 107,  
187) }
```

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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