

# Converting Colors

Android(4280580815)

Have a look what the booklet for  
Android(4280580815) contains.

<b>Android(4280580815)</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(4280580815)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	247ACF
RGB	36, 122, 207
RGB Percent	14%, 48%, 81%
CMY	0.8588, 0.5216, 0.1882
CMYK	0.83, 0.41, 0.00, 0.19
HSL	210°, 70%, 48%
HSV	210°, 83%, 81%
XYZ	18.9496, 18.7991, 61.6613
YIQ	105.9760, -78.5410, 8.2030

# Conversions

## Conversions Part 2

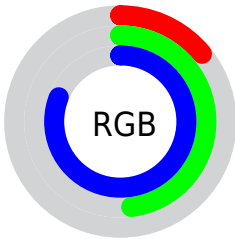
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	36, 93, 207
Decimal	2390735
CIE <sub>Lab</sub>	50.45, 5.67, -50.90
CIE <sub>LCh</sub>	50, 51.211, 276.353
Yxy	18.7991, 0.1906, 0.1891
Android (android.graphics.Color)	4280580815 (0xFF247ACF)
YUV	105.9760, 49.8048, -61.3690
Hunter-Lab	43.3580, 2.1369, -53.9684

# Details

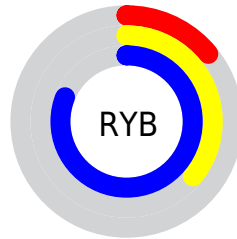
The Android color `4280580815` is a dark color, and the websafe version is hex `3399FF`. The color can be described as dark muted azure. A complement of this color would be `4291787044`, and the grayscale version is `4285164138`.

A 20% lighter version of the original color is `4285443839`, and `4278209176` is the 20% darker color. If you saturate the color by 10%, you get `4279201999`, and if you desaturate by 10%, it is `4281959631`.

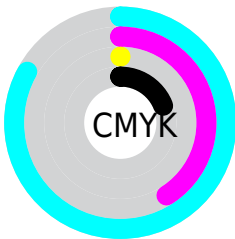
# Distribution



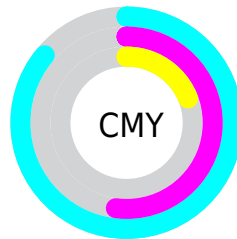
- Red (14%)
- Green (48%)
- Blue (81%)



- Red (14%)
- Yellow (36%)
- Blue (81%)



- Cyan (83%)
- Magenta (41%)
- Yellow (0%)
- Black (19%)



- Cyan (86%)
- Magenta (52%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280580815 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 4280580815 by changing the saturation by 10% instead.





4280580815



4280580815

4294967295



4278215347



4285443839



4278209176



4287482367



4278203518



4289455615



4278198372



4291428351



4278191692



4293459967



4278191156



4278190622



4278190080



4280580815



4280580815

■ 4279201999

■ 4281959631

■ 4278216911

■ 4283273167

■ 4284651983

■ 4286030799

■ 4287344079

■ 4288723151

■ 4290101967

■ 4291480783

■ 4292794319

# Harmonies

## Analogous

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



4278224584



4280580815



4286998719

# Triad

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



4280580815



4290926663



4278225491

# Complementary

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



4280580815



4291787044

# 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.



4283991084



4280580815



4289358117

# Square

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



4280580815



4291251825



4287002902



4278226304

# Rectangle

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



4280580815



4289223849



4287002902



4281043269

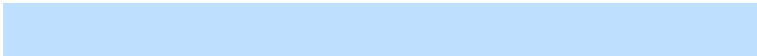


# Sweetspot

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



4280580815



4290764799



4280602487



4284050560



4278190080



4286611584



# Same Dimension

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



4280580815



4278420223



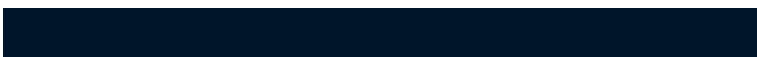
4280559567



4284375913



4278212008



4278195497



# Inverse Universe

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



4291765370



4294902658



4291808292



4285095523



4289200213



4280877077



# Previews

## White Background



This preview shows how the Android color 4280580815 looks on a white 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

# Black Background



This preview shows how the Android color 4280580815 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

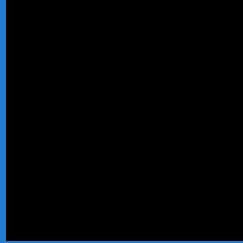
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4280580815 Background



This preview shows how black text looks on a background with the Android color 4280580815.



This preview shows how white text looks on a background with the Android color 4280580815.

# 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**  
4280580815

**Protanomaly**  
4282546124

**Deuteranomaly**  
4281104847

**Tritanomaly**  
4279075238

# Monochromacy



**Original Color**  
4280580815

**Achromatopsia**  
4285164138

**Achromatomaly**  
4283527311

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280580815 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(36, 122, 207)` looks like.

```
.text, #text, p{  
    color:rgb(36, 122, 207)  
}
```

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(36, 122, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 122, 207) }
```

## Border

The CSS property to change the border of an element to Android 4280580815 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(36, 122, 207) }
```

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

```
.border{ border-color:rgb(36, 122, 207) }
```

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

Here you see how a box with a 4 pixel rgb(36, 122, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 122, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 122, 207);  
box-shadow:4px 4px 4px 4px rgb(36, 122,  
207) }
```

# Background

The CSS property to change the background color of an element to Android 4280580815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 122, 207) }
```

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

```
.background{ background-color: rgb(36, 122,  
207) }
```

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