

# Converting Colors

Android(4280581893)

Have a look what the booklet for  
Android(4280581893) contains.

<b>Android(4280581893)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4280581893)**

# Conversions

## Conversions Part 1

Format	Color
Hex	247F05
RGB	36, 127, 5
RGB Percent	14%, 50%, 2%
CMY	0.8588, 0.5020, 0.9804
CMYK	0.72, 0.00, 0.96, 0.50
HSL	105°, 92%, 26%
HSV	105°, 96%, 50%
XYZ	8.3443, 15.5648, 2.7081
YIQ	85.8830, -15.0740, -57.2340

# Conversions

## Conversions Part 2

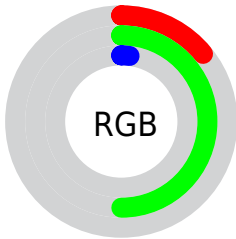
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 127, 96
Decimal	2391813
CIELab	46.40, -46.74, 49.20
CIELCh	46, 67.861, 133.527
Yxy	15.5648, 0.3135, 0.5848
Android (android.graphics.Color)	4280581893 (0xFF247F05)
YUV	85.8830, -39.8753, -43.7474
Hunter-Lab	39.4522, -31.2878, 23.5467

# Details

The Android color **4280581893** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **4284482943**, and the grayscale version is **4283848278**.

A 20% lighter version of the original color is **4284527938**, and **4278209536** is the 20% darker color. If you saturate the color by 10%, you get **4280319744**, and if you desaturate by 10%, it is **4281171730**.

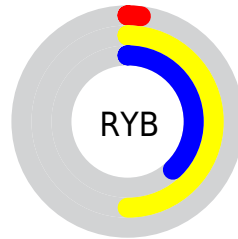
# Distribution



Red (14%)

Green (50%)

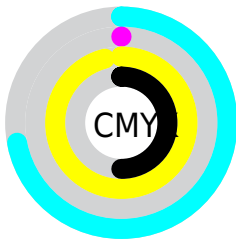
Blue (2%)



Red (2%)

Yellow (50%)

Blue (38%)

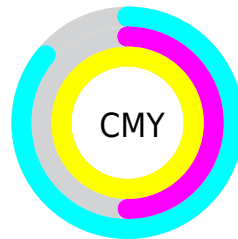


Cyan (72%)

Magenta (0%)

Yellow (96%)

Black (50%)



Cyan (86%)

Magenta (50%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280581893 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 4280581893 by changing the saturation by 10% instead.





4280581893



4280581893

4294967295



4278215936



4284527938



4278209536



4286370140



4278203648



4288277878



4278197760



4290117521



4278190080



4292018093



4293984201



4294967270



4280581893



4280581893

■ 4280319744

■ 4281171730

■ 4281827102

■ 4282416939

■ 4283072312

■ 4283662149

■ 4284317521

■ 4284907358

■ 4285562731

■ 4286152567

# Harmonies

## Analogous

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



4285428480



4280581893



4278224203

# Triad

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



4280581893



4278222300



4291896919

# Complementary

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



4280581893



4284482943

# 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.



4290916240



4280581893



4278217950

# Square

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



4280581893



4278224316



4287582657



4290921248

# Rectangle

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



4280581893



4278224499



4287582657



4291765098



# Sweetspot

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



4280581893



4286752374



4286537221



4282274871



4292138196



4283716692



# Same Dimension

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



4280581893



4280985088



4278550305



4282073145



4280320000



4278190080



# Inverse Universe

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



4284482943



4286316710



4286514531



4282267968



4284416128

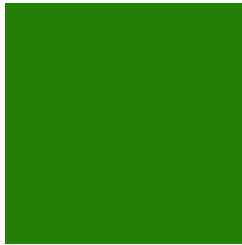


4278190080



# Previews

## White Background



This preview shows how the Android color 4280581893 looks on a white background.

## Color Contrast Check

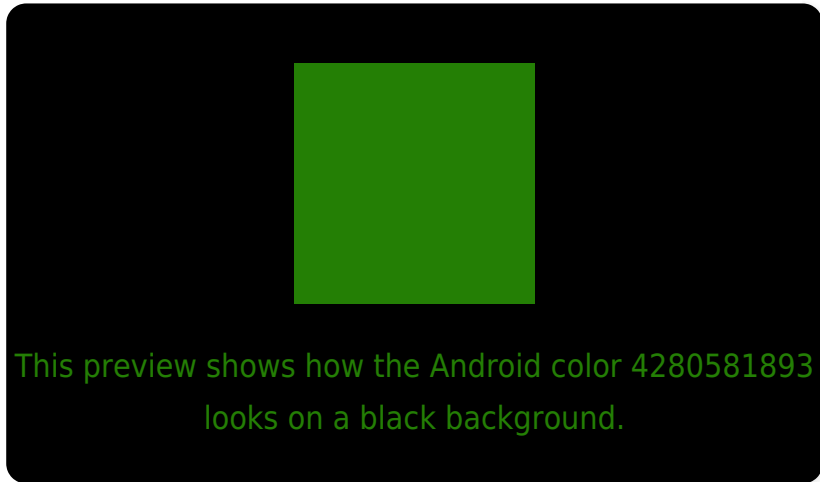
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## 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 4280581893 Background



This preview shows how black text looks on a background with the Android color 4280581893.



This preview shows how white text looks on a background with the Android color 4280581893.

# 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**  
4280581893

**Protanopia**  
4286279168

**Deuteranopia**  
4287260699



# Trichromacy



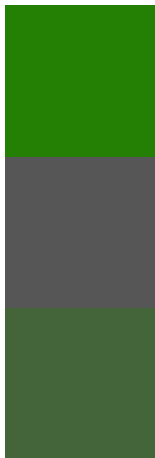
**Original Color**  
4280581893

**Protanomaly**  
4284183554

**Deuteranomaly**  
4284837907

**Tritanomaly**  
4281694547

# Monochromacy



**Original Color**  
4280581893

**Achromatopsia**  
4283848278

**Achromatomaly**  
4282672441

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280581893 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, 127, 5)` looks like.

```
.text, #text, p{  
    color:rgb(36, 127, 5)  
}
```

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, 127, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 127, 5) }
```

## Border

The CSS property to change the border of an element to Android 4280581893 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, 127, 5) }
```

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

```
.border{ border-color:rgb(36, 127, 5) }
```

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

Here you see how a box with a 4 pixel rgb(36, 127, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 127, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 127, 5);  
box-shadow:4px 4px 4px 4px rgb(36, 127, 5)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280581893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 127, 5) }
```

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

```
.background{ background-color: rgb(36, 127,  
5) }
```

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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