

# Converting Colors

Android(4280239893)

Have a look what the booklet for  
Android(4280239893) contains.

<b>Android(4280239893)</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(4280239893)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1F4715
RGB	31, 71, 21
RGB Percent	12%, 28%, 8%
CMY	0.8784, 0.7216, 0.9176
CMYK	0.56, 0.00, 0.70, 0.72
HSL	108°, 54%, 18%
HSV	108°, 70%, 28%
XYZ	2.9537, 4.8519, 1.4903
YIQ	53.3400, -7.7900, -24.0300

# Conversions

## Conversions Part 2

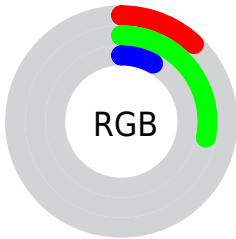
<b>Format</b>	<b>Color</b>
<b>RYB</b>	21, 71, 61
Decimal	2049813
CIELab	26.31, -25.17, 25.10
CIELCh	26, 35.548, 135.072
Yxy	4.8519, 0.3177, 0.5219
Android (android.graphics.Color)	4280239893 (0xFF1F4715)
YUV	53.3400, -15.9436, -19.5922
Hunter-Lab	22.0271, -14.6119, 11.4075

# Details

The Android color **4280239893** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4282193223**, and the grayscale version is **4281742902**.

A 20% lighter version of the original color is **4283463746**, and **4278197504** is the 20% darker color. If you saturate the color by 10%, you get **4279846670**, and if you desaturate by 10%, it is **4280633116**.

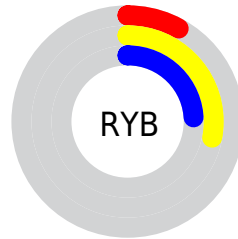
# Distribution



Red (12%)

Green (28%)

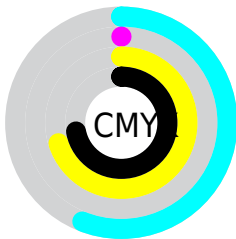
Blue (8%)



Red (8%)

Yellow (28%)

Blue (24%)

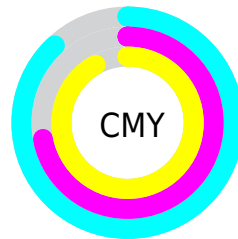


Cyan (56%)

Magenta (0%)

Yellow (70%)

Black (72%)



Cyan (88%)

Magenta (72%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280239893 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 4280239893 by changing the saturation by 10% instead.



 4280239893

 4280239893

4294967292

 4278726656

 4283463746

 4278197504

 4285108826

 4278190080

 4286754163

 4288530573

 4290307239

 4292149187

 4294049759

 4280239893

 4280239893

■ 4279846670

■ 4280633116

■ 4279518983

■ 4280960803

■ 4279125760

■ 4281354026

■ 4281747249

■ 4282074937

■ 4282468160

■ 4282861383

■ 4283189070

■ 4283582293

# Harmonies

## Analogous

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



4282335489



4280239893



4278209071

# Triad

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



4280239893



4278207859



4285473842

# Complementary

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



4280239893



4282193223

# 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.



4285015629



4280239893



4280368499

# Square

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



4280239893



4278209124



4283511141



4285017369

# Rectangle

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



4280239893



4278209346



4283511141



4285408059



# Sweetspot

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



4280239893



4283194441



4282858773



4280626722



4289572269



4281216558



# Same Dimension

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



4280239893



4280114190



4279584548



4280362016



4279526144



4281197312



# Inverse Universe

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



4282193223



4283174492



4282848568



4280492068



4283433059

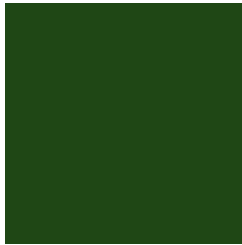


4290117859



# Previews

## White Background



This preview shows how the Android color 4280239893 looks on a white background.

## Color Contrast Check

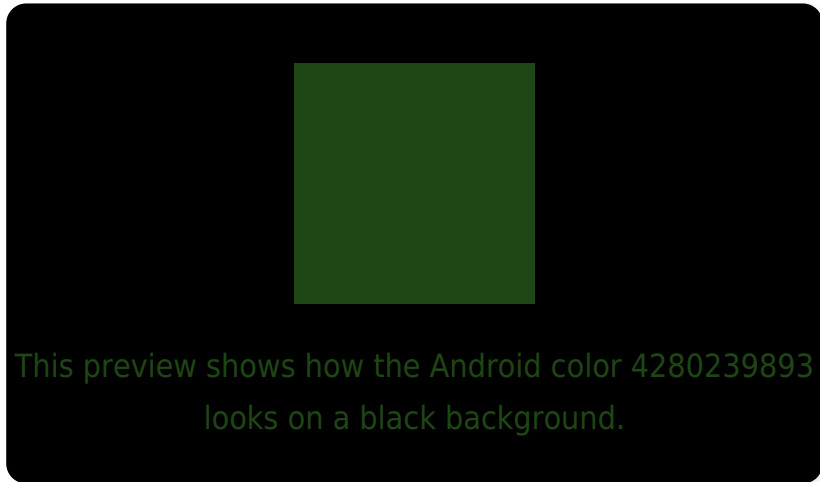
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

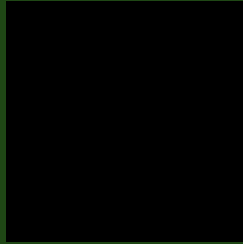
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4280239893 Background



This preview shows how black text looks on a background with the Android color 4280239893.



This preview shows how white text looks on a background with the Android color 4280239893.

# 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**  
4280239893

**Protanopia**  
4282793491

**Deuteranopia**  
4283251481



# Trichromacy



**Original Color**

4280239893

**Protanomaly**

4281876756

**Deuteranomaly**

4282138392

**Tritanomaly**

4280632373

# Monochromacy



**Original Color**

4280239893

**Achromatopsia**

4281677109

**Achromatomaly**

4281154601

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280239893 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(31, 71, 21)` looks like.

```
.text, #text, p{  
    color:rgb(31, 71, 21)  
}
```

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(31, 71, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 71, 21) }
```

## Border

The CSS property to change the border of an element to Android 4280239893 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(31, 71, 21) }
```

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

```
.border{ border-color:rgb(31, 71, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 71, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 71, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 71, 21);  
box-shadow:4px 4px 4px 4px rgb(31, 71, 21)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280239893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 71, 21) }
```

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

```
.background{ background-color: rgb(31, 71,  
21) }
```

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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