

Converting Colors

Android(4278737920)

Have a look what the booklet for
Android(4278737920) contains.

Android(4278737920)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278737920)

Conversions

Conversions Part 1

Format	Color
Hex	085C00
RGB	8, 92, 0
RGB Percent	3%, 36%, 0%
CMY	0.9686, 0.6392, 1.0000
CMYK	0.91, 0.00, 1.00, 0.64
HSL	115°, 100%, 18%
HSV	115°, 100%, 36%
XYZ	3.9273, 7.7059, 1.2804
YIQ	56.3960, -20.5320, -46.4200

Conversions

Conversions Part 2

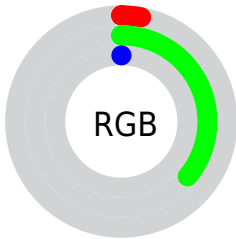
Format	Color
RYB	0, 92, 84
Decimal	547840
CIELab	33.36, -39.91, 39.63
CIELCh	33, 56.244, 135.206
Yxy	7.7059, 0.3041, 0.5967
Android (android.graphics.Color)	4278737920 (0xFF085C00)
YUV	56.3960, -27.8032, -42.4433
Hunter-Lab	27.7595, -23.3259, 16.6969

Details

The Android color **4278737920** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **4283695196**, and the grayscale version is **4281940281**.

A 20% lighter version of the original color is **4282945334**, and **4278201600** is the 20% darker color. If you saturate the color by 10%, you get **4278737920**, and if you desaturate by 10%, it is **4279262217**.

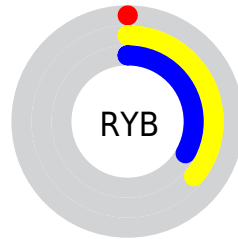
Distribution



Red (3%)

Green (36%)

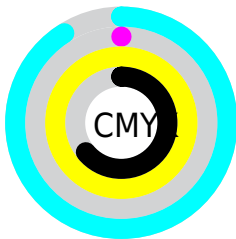
Blue (0%)



Red (0%)

Yellow (36%)

Blue (33%)

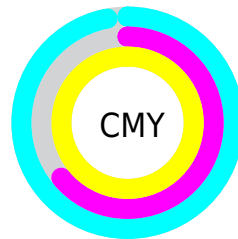


Cyan (91%)

Magenta (0%)

Yellow (100%)

Black (64%)



Cyan (97%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278737920 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 4278737920 by changing the saturation by 10% instead.

 4278737920

 4278737920

 4294967281

 4278207488

 4282945334

 4278201600

 4284721743

 4278195200

 4286498408

 4278190080

 4288340611

 4290183069

 4292018105

 4293984213

 4278737920

■ 4279262217

■ 4279852050

■ 4280376348

■ 4280966181

■ 4281490478

■ 4282014775

■ 4282604608

■ 4283128906

■ 4283718739

Harmonies

Analogous

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



4283192064



4278737920



4278214710

Triad

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



4278737920



4278213285



4288352826

Complementary

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



4278737920



4283695196

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.



4287699302



4278737920



4278209702

Square

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



4278737920



4278214797



4285216398



4287507726

Rectangle

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



4278737920



4278214997



4285216398



4288286281

Sweetspot

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



4278737920



4283922516



4284240640



4280892711



4290624957



4282203453

Same Dimension

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



4278737920



4278876160



4278213669



4280954409



4278873600



4279627008

Inverse Universe

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



4283695196



4285333624



4284219447



4281215278



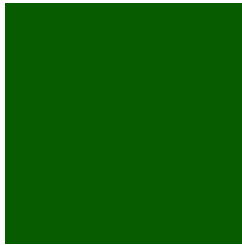
4284743790



4292411629

Previews

White Background



This preview shows how the Android color 4278737920 looks on a white background.

Color Contrast Check

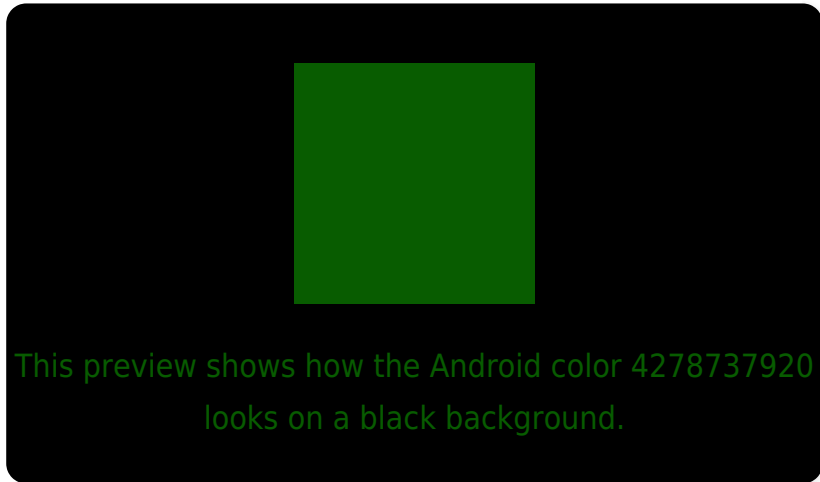
Large Text (above 18pt) WCAG AA ✓ Pass

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

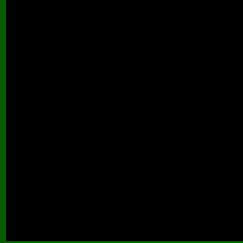
Any Text WCAG AA × Fail

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 4278737920 Background



This preview shows how black text looks on a background with the Android color 4278737920.



This preview shows how white text looks on a background with the Android color 4278737920.

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
4278737920

Protanopia
4284043008

Deuteranopia
4284697364

Trichromacy



Original Color
4278737920

Protanomaly
4282143744

Deuteranomaly
4282536205

Tritanomaly
4280047675

Monochromacy



Original Color
4278737920

Achromatopsia
4281874488

Achromatomaly
4280763684

CSS Examples

Text

The CSS property to change the color of the text to Android 4278737920 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(8, 92, 0)` looks like.

```
.text, #text, p{  
    color:rgb(8, 92, 0)  
}
```

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(8, 92, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 92, 0) }
```

Border

The CSS property to change the border of an element to Android 4278737920 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(8, 92, 0) }
```

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

```
.border{ border-color:rgb(8, 92, 0) }
```

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

Here you see how a box with a 4 pixel rgb(8, 92, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 92, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 92, 0); box-shadow:4px  
4px 4px 4px rgb(8, 92, 0) }
```

Background

The CSS property to change the background color of an element to Android 4278737920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 92, 0) }
```

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

```
.background{ background-color: rgb(8, 92,  
0) }
```

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