

# Converting Colors

Android(4286946836)

Have a look what the booklet for  
Android(4286946836) contains.

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# Color

**Android(4286946836)**

# Conversions

## Conversions Part 1

Format	Color
Hex	859E14
RGB	133, 158, 20
RGB Percent	52%, 62%, 8%
CMY	0.4784, 0.3804, 0.9216
CMYK	0.16, 0.00, 0.87, 0.38
HSL	71°, 78%, 35%
HSV	71°, 87%, 62%
XYZ	22.0260, 29.4908, 5.1932
YIQ	134.7930, 29.3980, -48.2180

# Conversions

## Conversions Part 2

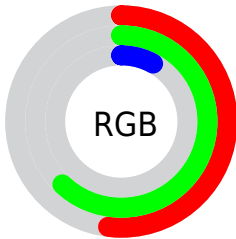
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 158, 45
Decimal	8756756
CIE <sub>Lab</sub>	61.21, -25.70, 60.59
CIE <sub>LCh</sub>	61, 65.817, 112.980
Yxy	29.4908, 0.3884, 0.5200
Android (android.graphics.Color)	4286946836 (0xFF859E14)
YUV	134.7930, -56.5929, -1.5725
Hunter-Lab	54.3054, -22.6358, 32.3439

# Details

The Android color `4286946836` is a dark color, and the websafe version is hex `669900`. A complement of this color would be `4281144478`, and the grayscale version is `4287072135`.

A 20% lighter version of the original color is `4290630993`, and `4283394816` is the 20% darker color. If you saturate the color by 10%, you get `4286750212`, and if you desaturate by 10%, it is `4287143460`.

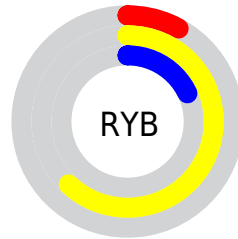
# Distribution



Red (52%)

Green (62%)

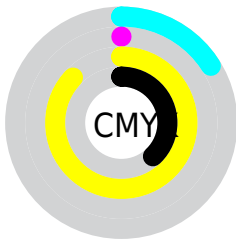
Blue (8%)



Red (8%)

Yellow (62%)

Blue (18%)

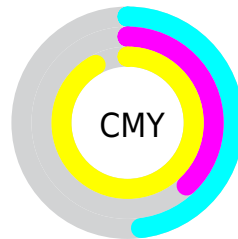


Cyan (16%)

Magenta (0%)

Yellow (87%)

Black (38%)



Cyan (48%)

Magenta (38%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286946836 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 4286946836 by changing the saturation by 10% instead.





4286946836



4286946836

4294967295



4285170688



4290630993



4283394816



4292538732



4281618944



4294508423



4279843584



4294967203



4278199552



4294967231



4278192128



4294967260



4278190080



4294967289



4286946836



4286946836

■ 4286750212

■ 4287143460

■ 4286684672

■ 4287340084

■ 4287536707

■ 4287667795

■ 4287864419

■ 4288061043

■ 4288257667

■ 4288454290

■ 4288650914

# Harmonies

## Analogous

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



4290546693



4286946836



4281575753

# Triad

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



4286946836



4278233840



4294269860

# Complementary

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



4286946836



4281144478

# 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.



4291588315



4286946836



4278231039

# Square

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



4286946836



4278235072



4286089983



4294663786

# Rectangle

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



4286946836



4278234480



4286089983



4293615799



# Sweetspot

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



4286946836



4291153817



4288555796



4284705096



4293454056



4285098345



# Same Dimension

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



4286946836



4289318656



4282555924



4283322183



4285894400



4279045888



# Inverse Universe

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



4281144478



4280615119



4285535390



4282992463



4279894159



4278386703



# Previews

## White Background



This preview shows how the Android color 4286946836 looks on a white background.

## Color Contrast Check

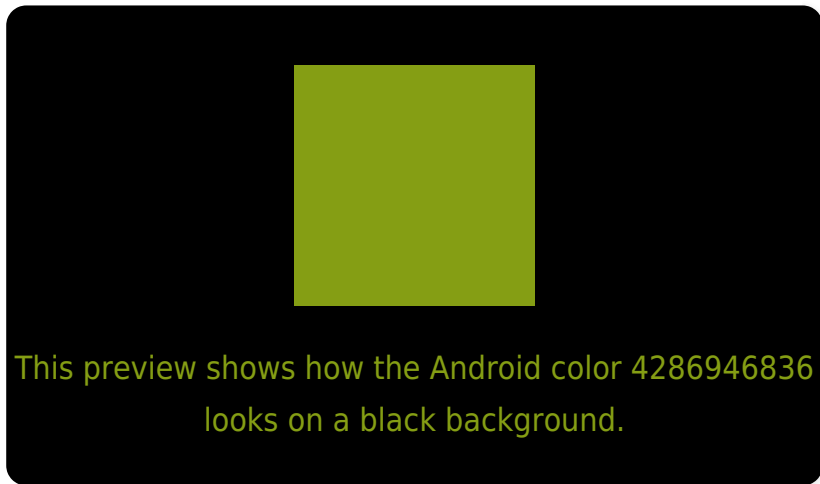
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## 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 4286946836 Background



This preview shows how black text looks on a background with the Android color 4286946836.



This preview shows how white text looks on a background with the Android color 4286946836.

# 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**  
4286946836

**Protanomaly**  
4288321554

**Deuteranomaly**  
4289172252

**Tritanomaly**  
4287469420

# Monochromacy



**Original Color**  
4286946836

**Achromatopsia**  
4287072135

**Achromatomaly**  
4287008605

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286946836 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(133, 158, 20)` looks like.

```
.text, #text, p{  
    color:rgb(133, 158, 20)  
}
```

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(133, 158, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 158, 20) }
```

## Border

The CSS property to change the border of an element to Android 4286946836 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(133, 158, 20) }
```

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

```
.border{ border-color:rgb(133, 158, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 158, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 158, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 158, 20);  
box-shadow:4px 4px 4px 4px rgb(133, 158,  
20) }
```

# Background

The CSS property to change the background color of an element to Android 4286946836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 158, 20) }
```

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

```
.background{ background-color: rgb(133,  
158, 20) }
```

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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