

Converting Colors

Android(4284306178)

Have a look what the booklet for
Android(4284306178) contains.

Android(4284306178)	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(4284306178)

Conversions

Conversions Part 1

Format	Color
Hex	5D5302
RGB	93, 83, 2
RGB Percent	36%, 33%, 1%
CMY	0.6353, 0.6745, 0.9922
CMYK	0.00, 0.11, 0.98, 0.64
HSL	53°, 96%, 19%
HSV	53°, 98%, 36%
XYZ	7.6184, 8.5181, 1.3000
YIQ	76.7560, 31.9610, -23.0710

Conversions

Conversions Part 2

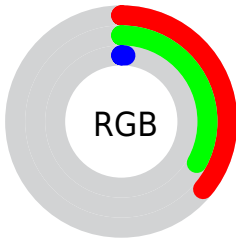
Format	Color
R_{YB}	13, 93, 2
Decimal	6116098
CIE _{Lab}	35.04, -4.42, 42.29
CIE _{LCh}	35, 42.517, 95.961
Yxy	8.5181, 0.4369, 0.4885
Android (android.graphics.Color)	4284306178 (0xFF5D5302)
YUV	76.7560, -36.8547, 14.2460
Hunter-Lab	29.1857, -4.4807, 17.7890

Details

The Android color **4284306178** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4278324317**, and the grayscale version is **4283256141**.

A 20% lighter version of the original color is **4287792184**, and **4281018112** is the 20% darker color. If you saturate the color by 10%, you get **4284306176**, and if you desaturate by 10%, it is **4284306443**.

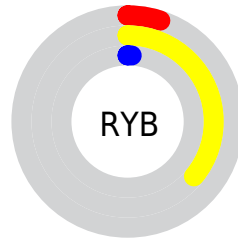
Distribution



Red (36%)

Green (33%)

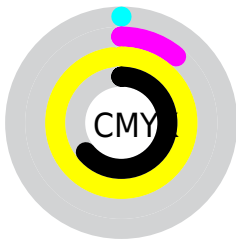
Blue (1%)



Red (5%)

Yellow (36%)

Blue (1%)

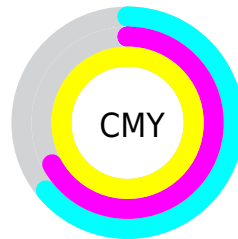


Cyan (0%)

Magenta (11%)

Yellow (98%)

Black (64%)



Cyan (64%)

Magenta (67%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284306178 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 4284306178 by changing the saturation by 10% instead.



4284306178



4284306178



4294967283



4282661888



4287792184



4281018112



4289633872



4279243520



4291475818



4278190080



4293383556



4294963614



4294967226



4294967254



4284306178



4284306178

■ 4284306176

■ 4284306443

■ 4284306709

■ 4284306974

■ 4284307239

■ 4284307505

■ 4284307770

■ 4284308035

■ 4284308300

■ 4284308566

Harmonies

Analogous

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



4286137872



4284306178



4281949206

Triad

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



4284306178



4278215289



4286592879

Complementary

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



4284306178



4278324317

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.



4284237450



4284306178



4278214032

Square

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



4284306178



4278215256



4278211734



4287574349

Rectangle

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



4284306178



4279459626



4278211734



4286004345

Sweetspot

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



4284306178



4286084181



4284285453



4282202920



4290624957



4282203453

Same Dimension

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



4284306178



4286081792



4282014978



4281216297



4285424128



4293776128

Inverse Universe

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



4278324317



4278193528



4280615517



4280887854



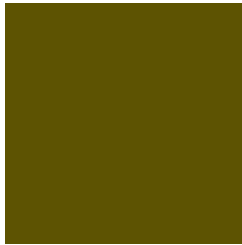
4278193262



4278196973

Previews

White Background



This preview shows how the Android color 4284306178 looks on a white background.

Color Contrast Check

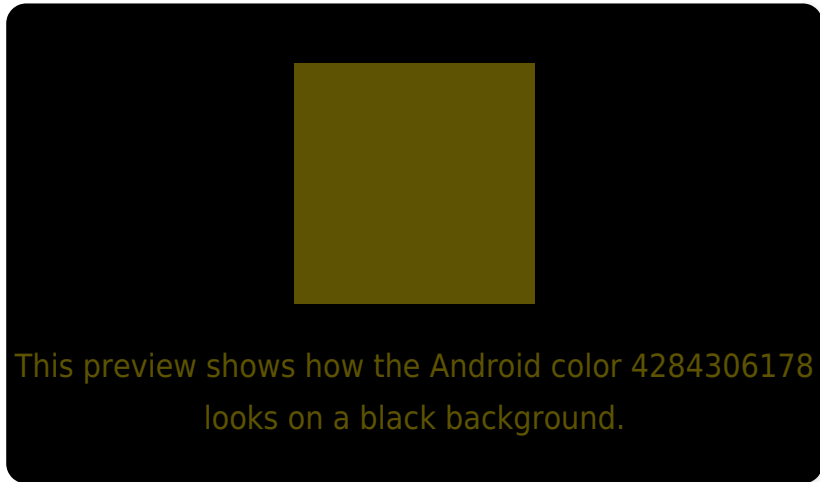
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284306178 Background



This preview shows how black text looks on a background with the Android color 4284306178.



This preview shows how white text looks on a background with the Android color 4284306178.

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
4284306178

Protanopia
4284306178

Deuteranopia
4285025803



Tritanopia
4284632403

Trichromacy



Original Color
4284306178

Protanomaly
4284306178

Deuteranomaly
4284764168

Tritanomaly
4284501814

Monochromacy



Original Color
4284306178

Achromatopsia
4283256141

Achromatomaly
4283649842

CSS Examples

Text

The CSS property to change the color of the text to Android 4284306178 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(93, 83, 2)` looks like.

```
.text, #text, p{  
    color:rgb(93, 83, 2)  
}
```

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(93, 83, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 83, 2) }
```

Border

The CSS property to change the border of an element to Android 4284306178 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(93, 83, 2) }
```

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

```
.border{ border-color:rgb(93, 83, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 83, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 83, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(93, 83, 2); box-shadow:4px  
4px 4px 4px rgb(93, 83, 2) }
```

Background

The CSS property to change the background color of an element to Android 4284306178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 83, 2) }
```

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

```
.background{ background-color: rgb(93, 83,  
2) }
```

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