

# Converting Colors

Android(4284178522)

Have a look what the booklet for  
Android(4284178522) contains.

<b>Android(4284178522)</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(4284178522)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B605A
RGB	91, 96, 90
RGB Percent	36%, 38%, 35%
CMY	0.6431, 0.6235, 0.6471
CMYK	0.05, 0.00, 0.06, 0.62
HSL	110°, 3%, 36%
HSV	110°, 6%, 38%
XYZ	10.3427, 11.3281, 11.3143
YIQ	93.8210, -1.0540, -2.9260

# Conversions

## Conversions Part 2

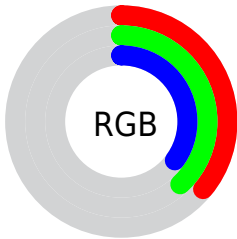
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 96, 95
Decimal	5988442
CIE Lab	40.13, -3.22, 2.74
CIE LCh	40, 4.231, 139.558
Yxy	11.3281, 0.3136, 0.3434
Android (android.graphics.Color)	4284178522 (0xFF5B605A)
YUV	93.8210, -1.8838, -2.4740
Hunter-Lab	33.6572, -4.0478, 3.6290

# Details

The Android color `4284178522` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `4284439136`, and the grayscale version is `4284374622`.

A 20% lighter version of the original color is `4287468172`, and `4281152044` is the 20% darker color. If you saturate the color by 10%, you get `4283654224`, and if you desaturate by 10%, it is `4284702820`.

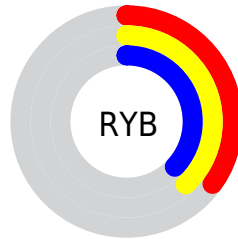
# Distribution



Red (36%)

Green (38%)

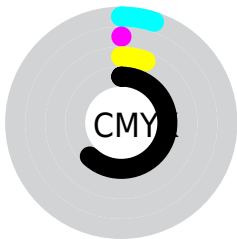
Blue (35%)



Red (35%)

Yellow (38%)

Blue (37%)

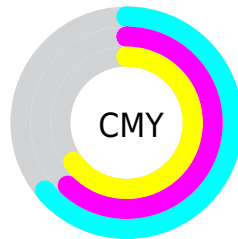


Cyan (5%)

Magenta (0%)

Yellow (6%)

Black (62%)



Cyan (64%)

Magenta (62%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284178522 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 4284178522 by changing the saturation by 10% instead.





4284178522



4284178522

4294967295



4282665027



4287468172



4281152044



4289179046



4279835928



4291020993



4278190336



4292863197



4278190080



4294705146



4284178522



4284178522



4283654224



4284702820



4283129927



4285227117

■ 4282605629

■ 4285751415

■ 4282081332

■ 4286275712

■ 4281557034

■ 4286800010

■ 4281032736

■ 4287324308

■ 4280508439

■ 4287848605

■ 4279984141

■ 4288372903

■ 4279459844

■ 4288897200

# Harmonies

## Analogous

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



4284440408



4284178522



4283982173

# Triad

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



4284178522



4284112741



4284898396

# Complementary

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



4284178522



4284439136

# 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.



4284832864



4284178522



4284374629

# Square

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



4284178522



4283916388



4284636515



4284833113

# Rectangle

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



4284178522



4283916640



4284636515



4284898398



# Sweetspot

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



4284178522



4286283130



4284505946



4282335294



4290756543



4282400832



# Same Dimension

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



4284178522



4285955444



4284112988



4281151533



4279463936



4280872960



# Inverse Universe

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



4284439136



4286280829



4284504670



4281347376



4284350576



4291297520



# Previews

## White Background



This preview shows how the Android color 4284178522 looks on a white background.

## Color Contrast Check

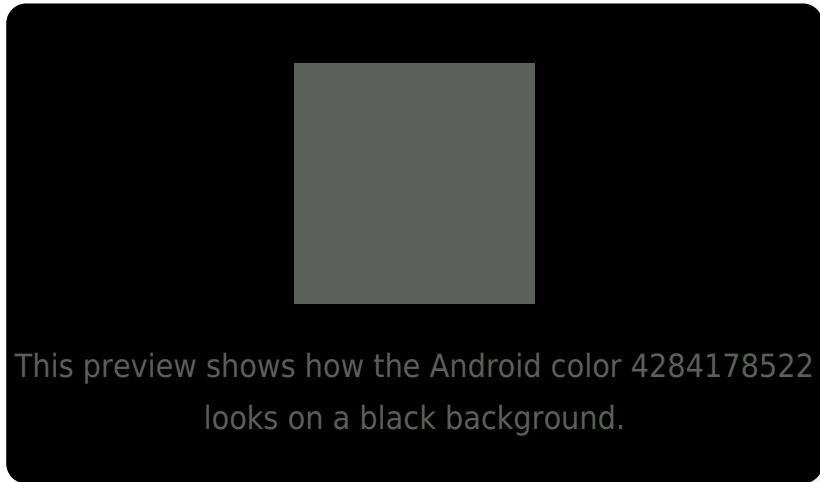
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284178522 Background



This preview shows how black text looks on a background with the Android color 4284178522.



This preview shows how white text looks on a background with the Android color 4284178522.

# 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



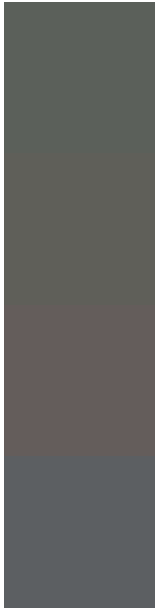
**Original Color**  
4284178522

**Protanopia**  
4284571225

**Deuteranopia**  
4285094747



# Trichromacy



**Original Color**

4284178522

**Protanomaly**

4284440409

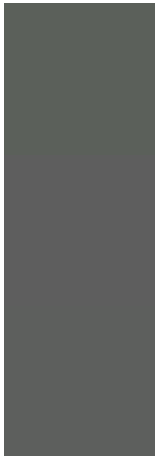
**Deuteranomaly**

4284767579

**Tritanomaly**

4284243810

# Monochromacy



**Original Color**

4284178522

**Achromatopsia**

4284374622

**Achromatomaly**

4284309341

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284178522 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(91, 96, 90) looks like.

```
.text, #text, p{  
    color:rgb(91, 96, 90)  
}
```

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(91, 96, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 96, 90) }
```

## Border

The CSS property to change the border of an element to Android 4284178522 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(91, 96, 90) }
```

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

```
.border{ border-color:rgb(91, 96, 90) }
```

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

Here you see how a box with a 4 pixel rgb(91, 96, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 96, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 96, 90);  
box-shadow:4px 4px 4px 4px rgb(91, 96, 90)  
}
```

# Background

The CSS property to change the background color of an element to Android 4284178522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 96, 90) }
```

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

```
.background{ background-color: rgb(91, 96,  
90) }
```

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