

# Converting Colors

Android(4278736190)

Have a look what the booklet for  
Android(4278736190) contains.

<b>Android(4278736190)</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(4278736190)**

# Conversions

Conversions Part 1	
Format	Color
Hex	08553E
RGB	8, 85, 62
RGB Percent	3%, 33%, 24%
CMY	0.9686, 0.6667, 0.7569
CMYK	0.91, 0.00, 0.27, 0.67
HSL	162°, 83%, 18%
HSV	162°, 91%, 33%
XYZ	4.2181, 6.8964, 5.6663
YIQ	59.3550, -38.5090, -23.4770

# Conversions

## Conversions Part 2

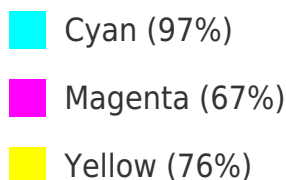
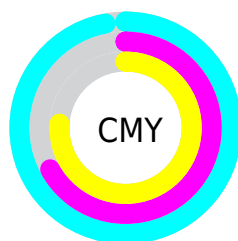
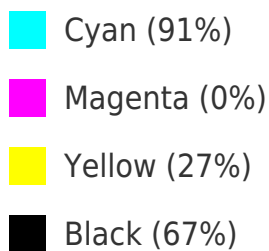
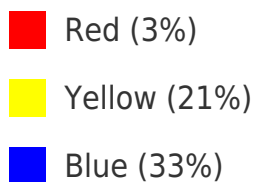
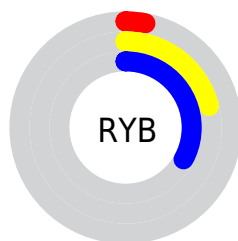
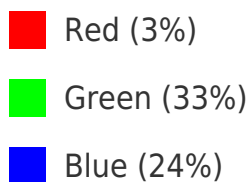
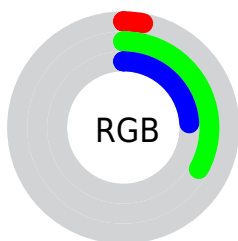
Format	Color
<a href="#">RYB</a>	<a href="#">8, 53, 85</a>
Decimal	<a href="#">546110</a>
CIELab	<a href="#">31.57, -28.02, 7.35</a>
CIELCh	<a href="#">32, 28.967, 165.305</a>
Yxy	<a href="#">6.8964, 0.2514, 0.4110</a>
Android (android.graphics.Color)	<a href="#">4278736190</a> (0xFF08553E)
YUV	<a href="#">59.3550, 1.3040, -45.0383</a>
Hunter-Lab	<a href="#">26.2610, -17.2855, 5.5899</a>

# Details

The Android color **4278736190** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4283762719**, and the grayscale version is **4282071867**.

A 20% lighter version of the original color is **4282681198**, and **4278200084** is the 20% darker color. If you saturate the color by 10%, you get **4278211900**, and if you desaturate by 10%, it is **4279260481**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Android color 4278736190 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 4278736190 by changing the saturation by 10% instead.



 4278736190

 4278736190

4294967295

 4278205736

 4282681198

 4278200084

 4284392071

 4278192896

 4286102945

 4278190080

 4287879612

 4289722072

 4291559412

 4293459967

 4278736190

 4278736190

■ 4278211900

■ 4279260481

■ 4279850307

■ 4280374598

■ 4280964424

■ 4281488715

■ 4282078541

■ 4282602832

■ 4283192658

■ 4283716949

# Harmonies

## Analogous

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



4281553449



4278736190



4278212182

# Triad

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



4278736190



4281944438



4285545771

# Complementary

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



4278736190



4283762719

# 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.



4285871935



4278736190



4284170346

# Square

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



4278736190



4278210678



4285478998



4284564766

# Rectangle

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



4278736190



4278211940



4285478998



4285676081



# Sweetspot

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



4278736190



4283461221



4280243464



4280694835



4290295992



4281874488



# Same Dimension

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



4278736190



4278218317



4278732373



4280757034



4278217547



4278250405



# Inverse Universe

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



4283762719



4285399073



4283766536



4281018152



4285202464



4293591110



# Previews

## White Background



This preview shows how the Android color 4278736190 looks on a white background.

## Color Contrast Check

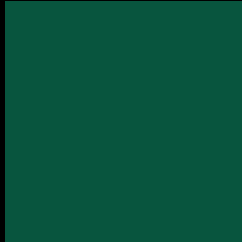
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



This preview shows how the Android color 4278736190 looks on a 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 4278736190 Background



This preview shows how black text looks on a background with the Android color 4278736190.



This preview shows how white text looks on a background with the Android color 4278736190.

# 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**

4278736190

**Protanopia**



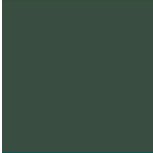

4283386425

**Deuteranopia**


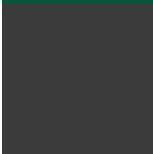

4283779137



# Trichromacy

	<b>Original Color</b> 4278736190
	<b>Protanomaly</b> 4281683515
	<b>Deuteranomaly</b> 4281945408
	<b>Tritanomaly</b> 4279587663

# Monochromacy

	<b>Original Color</b> 4278736190
	<b>Achromatopsia</b> 4282071867
	<b>Achromatomaly</b> 4280828988

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278736190 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, 85, 62)` looks like.

```
.text, #text, p{  
    color:rgb(8, 85, 62)  
}
```

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, 85, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 85, 62) }
```

## Border

The CSS property to change the border of an element to Android 4278736190 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, 85, 62) }
```

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

```
.border{ border-color:rgb(8, 85, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 85, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 85, 62); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 85, 62); box-shadow:4px  
4px 4px 4px rgb(8, 85, 62) }
```

# Background

The CSS property to change the background color of an element to Android 4278736190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 85, 62) }
```

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

```
.background{ background-color: rgb(8, 85,  
62) }
```

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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