

# Converting Colors

Android(4278488162)

Have a look what the booklet for  
Android(4278488162) contains.

<b>Android(4278488162)</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(4278488162)**

# Conversions

## Conversions Part 1

Format	Color
Hex	048C62
RGB	4, 140, 98
RGB Percent	2%, 55%, 38%
CMY	0.9843, 0.4510, 0.6157
CMYK	0.97, 0.00, 0.30, 0.45
HSL	161°, 94%, 28%
HSV	161°, 97%, 55%
XYZ	11.6328, 19.6638, 14.7377
YIQ	94.5480, -67.5740, -41.8940

# Conversions

## Conversions Part 2

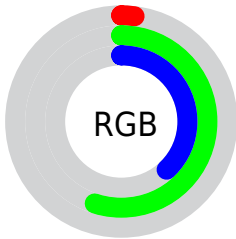
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 84, 140
Decimal	298082
CIELab	51.45, -42.51, 13.61
CIELCh	51, 44.634, 162.241
Yxy	19.6638, 0.2527, 0.4272
Android (android.graphics.Color)	4278488162 (0xFF048C62)
YUV	94.5480, 1.7018, -79.4106
Hunter-Lab	44.3439, -30.7758, 11.3358

# Details

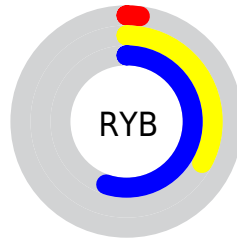
The Android color `4278488162` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4287366190`, and the grayscale version is `4284440415`.

A 20% lighter version of the original color is `4283745173`, and `4278212915` is the 20% darker color. If you saturate the color by 10%, you get `4278226017`, and if you desaturate by 10%, it is `4279405670`.

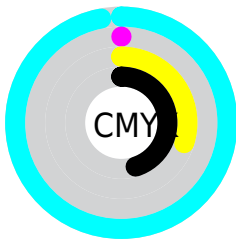
# Distribution



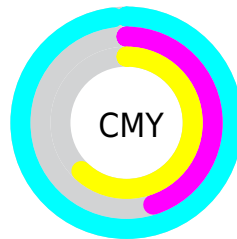
- Red (2%)
- Green (55%)
- Blue (38%)



- Red (2%)
- Yellow (33%)
- Blue (55%)



- Cyan (97%)
- Magenta (0%)
- Yellow (30%)
- Black (45%)



- Cyan (98%)
- Magenta (45%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278488162 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 4278488162 by changing the saturation by 10% instead.



 4278488162

 4278488162

4294967295

 4278219338

 4283745173

 4278212915

 4285652912

 4278206494

 4287560907

 4278200838

 4289462247

 4278192640

 4291362815

 4278190080

 4293263359


 4278488162

 4278488162

 4278226017

 4279405670

 4280323179

 4281240687

 4282158195

 4283075704

 4283993212

 4284910720

 4285828229

 4286745737

# Harmonies

## Analogous

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



4283926335



4278488162



4278226570

# Triad

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



4278488162



4283660741



4290404937

# Complementary

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



4278488162



4287366190

# 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.



4290861420



4278488162



4287720115

# Square

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



4278488162



4278224323



4290076051



4288901168

# Rectangle

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



4278488162



4278226338



4290076051



4290666068



# Sweetspot

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



4278488162



4286690725



4281306116



4282145874



4292598747



4284243036



# Same Dimension

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



4278488162



4278236541



4278481804



4282271043



4278224220



4278191364



# Inverse Universe

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



4287366190



4290052152



4287372548



4282728000



4286906409



4278517762



# Previews

## White Background



This preview shows how the Android color 4278488162 looks on a white background.

## Color Contrast Check

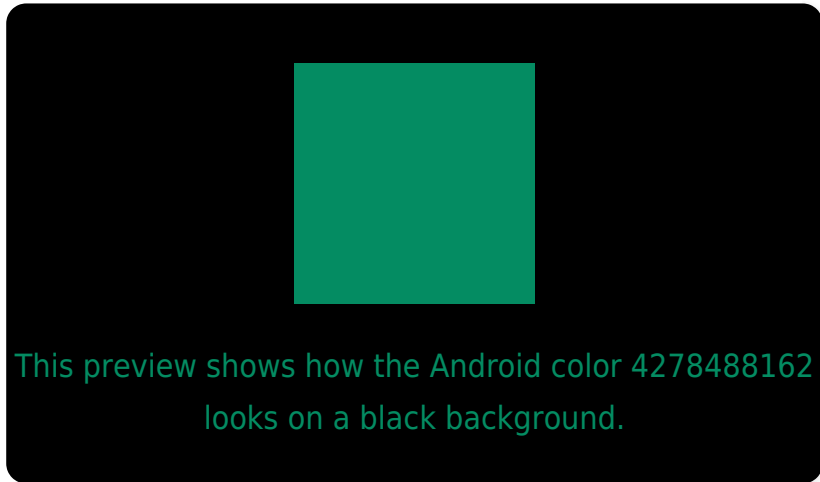
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278488162 Background



This preview shows how black text looks on a background with the Android color 4278488162.



This preview shows how white text looks on a background with the Android color 4278488162.

# 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**

4278488162

**Protanopia**

4286806618

**Deuteranopia**

4287395175



# Trichromacy



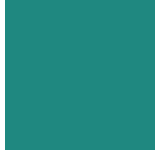
**Original Color**  
4278488162



**Protanomaly**  
4283793757



**Deuteranomaly**  
4284185957



**Tritanomaly**  
4280256640

# Monochromacy



**Original Color**  
4278488162



**Achromatopsia**  
4284440415



**Achromatomaly**  
4282281824

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278488162 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(4, 140, 98)` looks like.

```
.text, #text, p{  
  color:rgb(4, 140, 98)  
}
```

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(4, 140, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 140, 98) }
```

## Border

The CSS property to change the border of an element to Android 4278488162 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(4, 140, 98) }
```

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

```
.border{ border-color:rgb(4, 140, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 140, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 140, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 140, 98);  
box-shadow:4px 4px 4px 4px rgb(4, 140, 98)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278488162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 140, 98) }
```

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

```
.background{ background-color: rgb(4, 140,  
98) }
```

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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