

Converting Colors

Android(4278560610)

Have a look what the booklet for
Android(4278560610) contains.

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Color

Android(4278560610)

Conversions

Conversions Part 1

Format	Color
Hex	05A762
RGB	5, 167, 98
RGB Percent	2%, 65%, 38%
CMY	0.9804, 0.3451, 0.6157
CMYK	0.97, 0.00, 0.41, 0.35
HSL	154°, 94%, 34%
HSV	154°, 97%, 65%
XYZ	16.0859, 28.5515, 16.2185
YIQ	110.6960, -74.4030, -55.8030

Conversions

Conversions Part 2

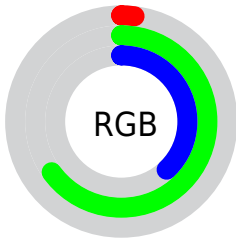
Format	Color
R_{YB}	5, 108, 167
Decimal	370530
CIE _{Lab}	60.38, -52.67, 25.68
CIE _{LCh}	60, 58.596, 154.009
Yxy	28.5515, 0.2643, 0.4692
Android (android.graphics.Color)	4278560610 (0xFF05A762)
YUV	110.6960, -6.2591, -92.6954
Hunter-Lab	53.4336, -39.7724, 19.4075

Details

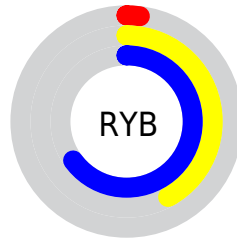
The Android color `4278560610` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4289135946`, and the grayscale version is `4285493103`.

A 20% lighter version of the original color is `4284276629`, and `4278219058` is the 20% darker color. If you saturate the color by 10%, you get `4278232928`, and if you desaturate by 10%, it is `4279674729`.

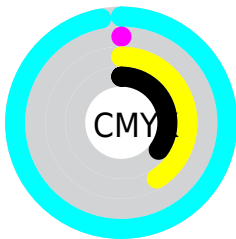
Distribution



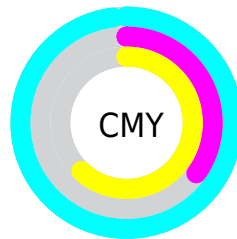
- Red (2%)
- Green (65%)
- Blue (38%)



- Red (2%)
- Yellow (42%)
- Blue (65%)



- Cyan (97%)
- Magenta (0%)
- Yellow (41%)
- Black (35%)



- Cyan (98%)
- Magenta (35%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278560610 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 4278560610 by changing the saturation by 10% instead.

 4278560610

 4278560610

4294967295

 4278225994

 4284276629

 4278219058

 4286250160

 4278212636

 4288217036

 4278206212

 4290183144

 4278200576

 4292149247

 4278190848

 4294115327

 4278190080


 4278560610

 4278560610

 4278232928

 4279674729

 4280723312

 4281837431

 4282951550

 4284000134

 4285114253

 4286228372

 4287342491

 4288391074

Harmonies

Analogous

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



4285636405



4278560610



4278233751

Triad

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



4278560610



4279539193



4293552731

Complementary

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



4278560610



4289135946

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.



4293812365



4278560610



4288446952

Square

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



4278560610



4278232046



4292242368



4291853874

Rectangle

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



4278560610



4278233786



4292242368



4293813611

Sweetspot

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



4278560610



4288338366



4283148037



4282871389



4293783021



4285427310

Same Dimension

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



4278560610



4278245756



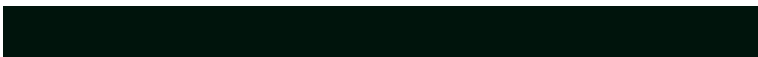
4278557863



4283192401



4278228053



4278195212

Inverse Universe

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



4289135946



4292411484



4289138693



4283714639



4287889471



4279500809

Previews

White Background



This preview shows how the Android color 4278560610 looks on a white background.

Color Contrast Check

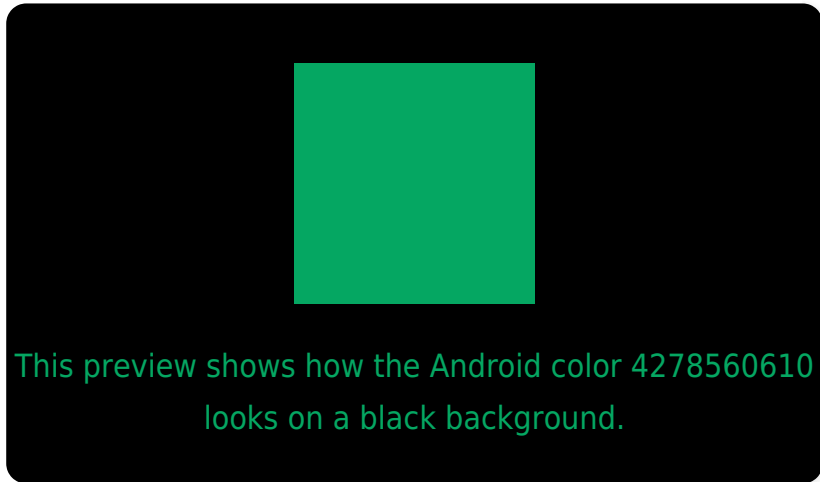
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278560610 Background



This preview shows how black text looks on a background with the Android color 4278560610.



This preview shows how white text looks on a background with the Android color 4278560610.

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
4278560610

Protanopia
4288581977

Deuteranopia
4289432425

Trichromacy



Original Color

4278560610



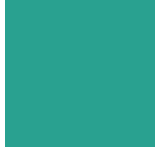
Protanomaly

4284914012



Deuteranomaly

4285502822



Tritanomaly

4280918416

Monochromacy



Original Color

4278560610



Achromatopsia

4285493103



Achromatomaly

4282942314

CSS Examples

Text

The CSS property to change the color of the text to Android 4278560610 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(5, 167, 98)` looks like.

```
.text, #text, p{  
    color:rgb(5, 167, 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(5, 167, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 167, 98) }
```

Border

The CSS property to change the border of an element to Android 4278560610 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(5, 167, 98) }
```

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

```
.border{ border-color:rgb(5, 167, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 167, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 167, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 167, 98);  
box-shadow:4px 4px 4px 4px rgb(5, 167, 98)  
}
```

Background

The CSS property to change the background color of an element to Android 4278560610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 167, 98) }
```

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

```
.background{ background-color: rgb(5, 167,  
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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