

Converting Colors

Android(4278230665)

Have a look what the booklet for
Android(4278230665) contains.

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Color

Android(4278230665)

Conversions

Conversions Part 1

Format	Color
Hex	009E89
RGB	0, 158, 137
RGB Percent	0%, 62%, 54%
CMY	1.0000, 0.3804, 0.4627
CMYK	1.00, 0.00, 0.13, 0.38
HSL	172°, 100%, 31%
HSV	172°, 100%, 62%
XYZ	16.7422, 26.2599, 27.8532
YIQ	108.3640, -87.4270, -40.0270

Conversions

Conversions Part 2

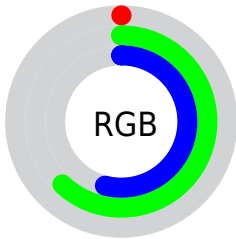
Format	Color
RYB	0, 85, 158
Decimal	40585
CIELab	58.28, -39.90, 1.11
CIELCh	58, 39.919, 178.401
Yxy	26.2599, 0.2363, 0.3706
Android (android.graphics.Color)	4278230665 (0xFF009E89)
YUV	108.3640, 14.1175, -95.0352
Hunter-Lab	51.2444, -31.3593, 3.6448

Details

The Android color **4278230665** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **4288544789**, and the grayscale version is **4285295724**.

A 20% lighter version of the original color is **4284143038**, and **4278217303** is the 20% darker color. If you saturate the color by 10%, you get **4278230665**, and if you desaturate by 10%, it is **4279279243**.

Distribution



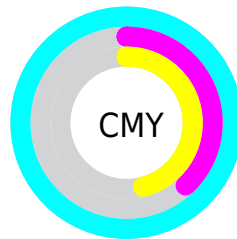
- Red (0%)
- Green (62%)
- Blue (54%)



- Red (0%)
- Yellow (33%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278230665 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 4278230665 by changing the saturation by 10% instead.

 4278230665

 4278230665

4294967295

 4278223728

 4284143038

 4278217303

 4286116570

 4278210880

 4288086007

 4278204714

 4290052095

 4278199318

 4292018175


 4278190080

 4293984255

 4278230665

 4279279243

 4280327821

 4281310863

 4282359441

 4283408020

 4284456598

 4285505176

 4286488218

 4287536796

Harmonies

Analogous

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



4283800422



4278230665



4278230700

Triad

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



4278230665



4287399114



4290674001

Complementary

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



4278230665



4288544789

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.



4291654253



4278230665



4290148273

Square

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



4278230665



4283273426



4291522703



4288907589

Rectangle

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



4278230665



4278229951



4291522703



4291131737

Sweetspot

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



4278230665



4287745990



4279606784



4282607972



4293454056



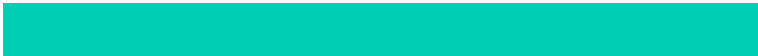
4285098345

Same Dimension

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



4278230665



4278243251



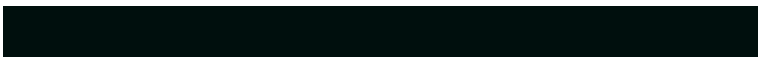
4278215838



4282863438



4278226812



4278193933

Inverse Universe

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



4288544789



4291756059



4288559616



4283385672



4287561747



4279173122

Previews

White Background



This preview shows how the Android color 4278230665 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



This preview shows how the Android color 4278230665 looks on a 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 4278230665 Background



This preview shows how black text looks on a background with the Android color 4278230665.

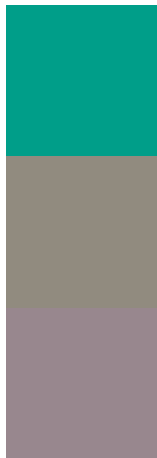


This preview shows how white text looks on a background with the Android color 4278230665.

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
4278230665

Protanopia
4287728511

Deuteranopia
4288186254

Trichromacy



Original Color

4278230665



Protanomaly

4284256899



Deuteranomaly

4284583820



Tritanomaly

4279999387

Monochromacy



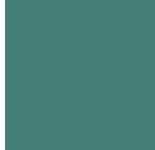
Original Color

4278230665



Achromatopsia

4285295724



Achromatomaly

4282744439

CSS Examples

Text

The CSS property to change the color of the text to Android 4278230665 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(0, 158, 137)` looks like.

```
.text, #text, p{  
    color:rgb(0, 158, 137)  
}
```

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(0, 158, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 158, 137) }
```

Border

The CSS property to change the border of an element to Android 4278230665 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(0, 158, 137) }
```

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

```
.border{ border-color:rgb(0, 158, 137) }
```

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

Here you see how a box with a 4 pixel rgb(0, 158, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 158, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 158, 137);  
box-shadow:4px 4px 4px 4px rgb(0, 158,  
137) }
```

Background

The CSS property to change the background color of an element to Android 4278230665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 158, 137) }
```

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

```
.background{ background-color: rgb(0, 158,  
137) }
```

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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