

Converting Colors

Android(4278890405)

Have a look what the booklet for
Android(4278890405) contains.

Android(4278890405)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278890405)

Conversions

Conversions Part 1

Format	Color
Hex	0AAFA5
RGB	10, 175, 165
RGB Percent	4%, 69%, 65%
CMY	0.9608, 0.3137, 0.3529
CMYK	0.94, 0.00, 0.06, 0.31
HSL	176°, 89%, 36%
HSV	176°, 94%, 69%
XYZ	22.2467, 33.4411, 40.8796
YIQ	124.5250, -95.1300, -38.0900

Conversions

Conversions Part 2

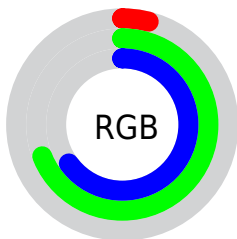
Format	Color
RYB	10, 95, 175
Decimal	700325
CIELab	64.52, -38.92, -5.46
CIELCh	65, 39.297, 187.987
Yxy	33.4411, 0.2304, 0.3463
Android (android.graphics.Color)	4278890405 (0xFF0AAFA5)
YUV	124.5250, 19.9542, -100.4384
Hunter-Lab	57.8283, -32.5301, -1.4331

Details

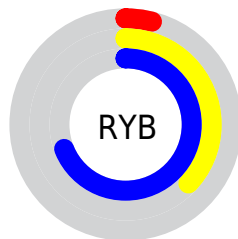
The Android color **4278890405** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **4289661460**, and the grayscale version is **4286348412**.

A 20% lighter version of the original color is **4284671964**, and **4278221425** is the 20% darker color. If you saturate the color by 10%, you get **4278235044**, and if you desaturate by 10%, it is **4280004518**.

Distribution



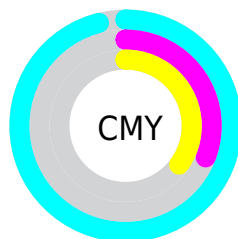
- Red (4%)
- Green (69%)
- Blue (65%)



- Red (4%)
- Yellow (37%)
- Blue (69%)



- Cyan (94%)
- Magenta (0%)
- Yellow (6%)
- Black (31%)



- Cyan (96%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278890405 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 4278890405 by changing the saturation by 10% instead.

 4278890405

 4278890405

4294967295

 4278228107

 4284671964

 4278221425

 4286775288

 4278214745

 4288741375

 4278208578

 4290707455

 4278202412


 4292739071

 4278196503

 4294705151


 4278190080

 4278890405

 4278890405

 4278235044

 4280004518

 4281184167

 4282298280

 4283477929

 4284657578

 4285771691

 4286951340

 4288065453

 4289245103

Harmonies

Analogous

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



4283936129



4278890405



4278234567

Triad

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



4278890405



4289499348



4291334492

Complementary

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



4278890405



4289661460

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.



4292642419



4278890405



4291855544

Square

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



4278890405



4286029282



4292903060



4289371478

Rectangle

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



4278890405



4278233815



4292903060



4291857762

Sweetspot

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



4278890405



4288930783



4279611146



4283200368



4294111986



4285756275

Same Dimension

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



4278890405



4278248405



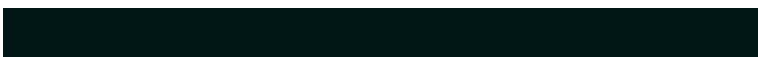
4278872239



4283324246



4278228621



4278195990

Inverse Universe

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



4289661460



4293066766



4289679882



4283911759



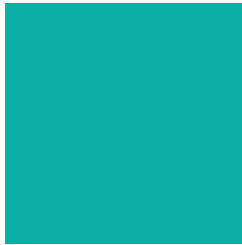
4288020489



4279697409

Previews

White Background



This preview shows how the Android color 4278890405 looks on a white 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

Black Background



This preview shows how the Android color 4278890405 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4278890405 Background



This preview shows how black text looks on a background with the Android color 4278890405.

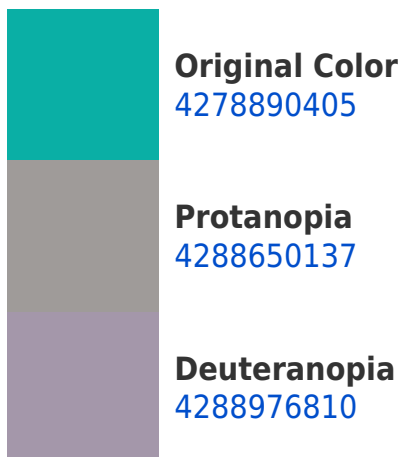


This preview shows how white text looks on a background with the Android color 4278890405.

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



Trichromacy



Original Color

4278890405



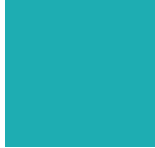
Protanomaly

4285112989



Deuteranomaly

4285309096



Tritanomaly

4280200626

Monochromacy



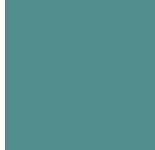
Original Color

4278890405



Achromatopsia

4286414205



Achromatomaly

4283666316

CSS Examples

Text

The CSS property to change the color of the text to Android 4278890405 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(10, 175, 165)` looks like.

```
.text, #text, p{  
    color:rgb(10, 175, 165)  
}
```

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(10, 175, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 175, 165) }
```

Border

The CSS property to change the border of an element to Android 4278890405 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(10, 175, 165) }
```

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

```
.border{ border-color:rgb(10, 175, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 175, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 175, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 175, 165);  
box-shadow:4px 4px 4px 4px rgb(10, 175,  
165) }
```

Background

The CSS property to change the background color of an element to Android 4278890405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 175, 165) }
```

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

```
.background{ background-color: rgb(10, 175,  
165) }
```

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