

# Converting Colors

Android(4278626764)

Have a look what the booklet for  
Android(4278626764) contains.

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# **Color**

**Android(4278626764)**

# Conversions

## Conversions Part 1

Format	Color
Hex	06A9CC
RGB	6, 169, 204
RGB Percent	2%, 66%, 80%
CMY	0.9765, 0.3373, 0.2000
CMYK	0.97, 0.17, 0.00, 0.20
HSL	191°, 94%, 41%
HSV	191°, 97%, 80%
XYZ	25.1622, 32.7743, 62.1266
YIQ	124.2530, -108.3830, -23.6710

# Conversions

## Conversions Part 2

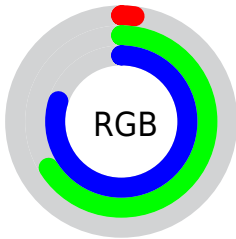
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 95, 204
Decimal	436684
CIELab	63.98, -23.68, -27.99
CIELCh	64, 36.664, 229.767
Yxy	32.7743, 0.2096, 0.2730
Android (android.graphics.Color)	4278626764 (0xFF06A9CC)
YUV	124.2530, 39.3153, -103.7079
Hunter-Lab	57.2488, -21.7307, -24.2675

# Details

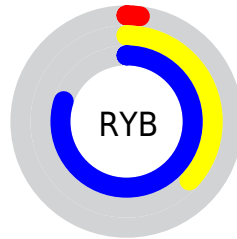
The Android color `4278626764` is a dark color, and the websafe version is hex `0099CC`. The color can be described as dark washed azure. A complement of this color would be `4291569926`, and the grayscale version is `4286348412`.

A 20% lighter version of the original color is `4284997887`, and `4278220182` is the 20% darker color. If you saturate the color by 10%, you get `4278233292`, and if you desaturate by 10%, it is `4279938508`.

# Distribution



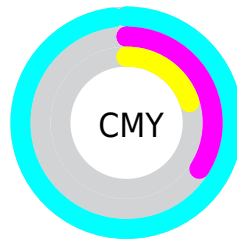
- Red (2%)
- Green (66%)
- Blue (80%)



- Red (2%)
- Yellow (37%)
- Blue (80%)



- Cyan (97%)
- Magenta (17%)
- Yellow (0%)
- Black (20%)



- Cyan (98%)
- Magenta (34%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278626764 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 4278626764 by changing the saturation by 10% instead.



 4278626764

 4278626764

4294967295

 4278226608

 4284997887


 4278220182

 4287102463

 4278213756

 4289134591

 4278207587

 4291166207

 4278201675

 4293197823

 4278196532

 4278190622

 4278190081

 4278190080

■ 4278626764

■ 4278626764

■ 4278233292

■ 4279938508

■ 4281315532

■ 4282627276

■ 4284004300

■ 4285316044

■ 4286627788

■ 4288004812

■ 4289316556

■ 4290693580

# Harmonies

## Analogous

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



4278561968



4278626764



4283867867

# Triad

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



4278626764



4292051624



4288389212

# Complementary

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



4278626764



4291569926

# 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.



4290418010



4278626764



4292575879

# Square

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



4278626764



4290350022



4291922538



4285900912

# Rectangle

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



4278626764



4286421979



4291922538



4289109338

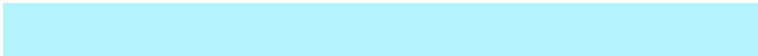


# Sweetspot

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



4278626764



4290114303



4278635559



4283660416



4278190080



4286611584

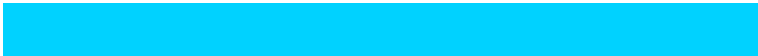


# Same Dimension

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



4278626764



4278244095



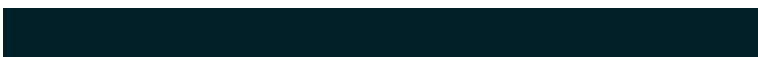
4278601932



4284245094



4278225062



4278198054



# Inverse Universe

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



4291561129



4294901970



4291594758



4284898404



4289069192



4280680479



# Previews

## White Background



This preview shows how the Android color 4278626764 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 4278626764 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 4278626764 Background



This preview shows how black text looks on a background with the Android color 4278626764.



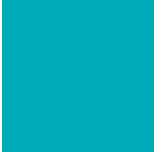
This preview shows how white text looks on a background with the Android color 4278626764.

# 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





**Tritanopia**  
4278234041

# Trichromacy



**Original Color**

4278626764



**Protanomaly**

4284391108



**Deuteranomaly**

4284194511



**Tritanomaly**

4278364864

# Monochromacy



**Original Color**

4278626764



**Achromatopsia**

4286348412



**Achromatomaly**

4283534489

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278626764 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(6, 169, 204)` looks like.

```
.text, #text, p{  
    color:rgb(6, 169, 204)  
}
```

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(6, 169, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 169, 204) }
```

## Border

The CSS property to change the border of an element to Android 4278626764 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(6, 169, 204) }
```

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

```
.border{ border-color:rgb(6, 169, 204) }
```

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

Here you see how a box with a 4 pixel rgb(6, 169, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 169, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 169, 204);  
box-shadow:4px 4px 4px 4px rgb(6, 169,  
204) }
```

# Background

The CSS property to change the background color of an element to Android 4278626764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 169, 204) }
```

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

```
.background{ background-color: rgb(6, 169,  
204) }
```

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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