

# Converting Colors

Android(4280522946)

Have a look what the booklet for  
Android(4280522946) contains.

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# Color

**Android(4280522946)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2398C2
RGB	35, 152, 194
RGB Percent	14%, 60%, 76%
CMY	0.8627, 0.4039, 0.2392
CMYK	0.82, 0.22, 0.00, 0.24
HSL	196°, 69%, 45%
HSV	196°, 82%, 76%
XYZ	21.6590, 26.7088, 55.0527
YIQ	121.8050, -83.2140, -11.7420

# Conversions

## Conversions Part 2

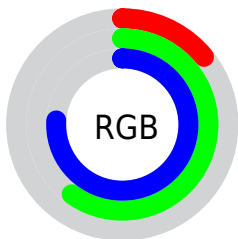
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	35, 102, 194
Decimal	2332866
CIE Lab	58.70, -16.60, -30.53
CIE LCh	59, 34.752, 241.469
Yxy	26.7088, 0.2094, 0.2583
Android (android.graphics.Color)	4280522946 (0xFF2398C2)
YUV	121.8050, 35.5921, -76.1280
Hunter-Lab	51.6806, -15.6329, -26.9822

# Details

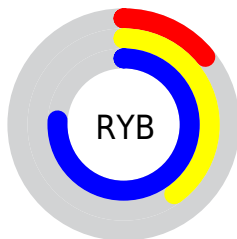
The Android color `4280522946` is a dark color, and the websafe version is hex `0099CC`. The color can be described as dark muted azure. A complement of this color would be `4290923811`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4285320955`, and `4278216076` is the 20% darker color. If you saturate the color by 10%, you get `4279276482`, and if you desaturate by 10%, it is `4281769410`.

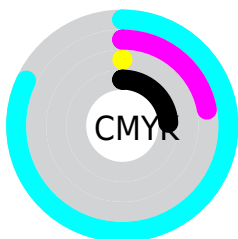
# Distribution



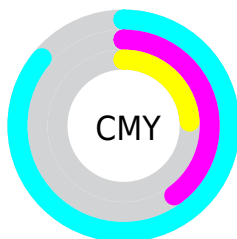
- Red (14%)
- Green (60%)
- Blue (76%)



- Red (14%)
- Yellow (40%)
- Blue (76%)



- Cyan (82%)
- Magenta (22%)
- Yellow (0%)
- Black (24%)



- Cyan (86%)
- Magenta (40%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280522946 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 4280522946 by changing the saturation by 10% instead.



 4280522946

 4280522946

4294967295

 4278222503

 4285320955

 4278216076

 4287294463

 4278209907

 4289331199

 4278203994

 4291297279

 4278198594

 4293263359

 4278190892

 4278190358

 4278190080

 4280522946

 4280522946

■ 4279276482

■ 4281769410

■ 4278226882

■ 4283081410

■ 4284327874

■ 4285639874

■ 4286886594

■ 4288133058

■ 4289445058

■ 4290691522

■ 4292003522

# Harmonies

## Analogous

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



4278230444



4280522946



4284649674

# Triad

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



4280522946



4291196301



4286616920

# Complementary

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



4280522946



4290923811

# 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.



4288646224



4280522946



4291262575

# Square

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



4280522946



4290083499



4290281816



4284193647

# Rectangle

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



4280522946



4286876102



4290281816



4287337043

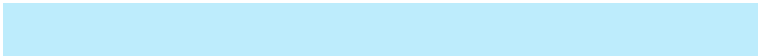


# Sweetspot

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



4280522946



4290637052



4280533579



4284052864



4278190080



4286611584



# Same Dimension

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



4280522946



4278565884



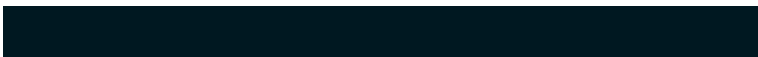
4280503234



4283915873



4278220449



4278196257



# Inverse Universe

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



4290913176



4294706619



4290943523



4284569438



4288741494



4280352792



# Previews

## White Background



This preview shows how the Android color 4280522946 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 4280522946 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 4280522946 Background



This preview shows how black text looks on a background with the Android color 4280522946.



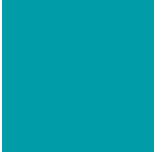
This preview shows how white text looks on a background with the Android color 4280522946.

# 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**

4280522946



**Protanomaly**

4284387516



**Deuteranomaly**

4284059844



**Tritanomaly**

4279081905

# Monochromacy



**Original Color**

4280522946



**Achromatopsia**

4286216826



**Achromatomaly**

4284122516

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280522946 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(35, 152, 194)` looks like.

```
.text, #text, p{  
    color:rgb(35, 152, 194)  
}
```

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(35, 152, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 152, 194) }
```

## Border

The CSS property to change the border of an element to Android 4280522946 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(35, 152, 194) }
```

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

```
.border{ border-color:rgb(35, 152, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 152, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 152, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 152, 194);  
box-shadow:4px 4px 4px 4px rgb(35, 152,  
194) }
```

# Background

The CSS property to change the background color of an element to Android 4280522946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 152, 194) }
```

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

```
.background{ background-color: rgb(35, 152,  
194) }
```

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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