

# Converting Colors

Android(4278354146)

Have a look what the booklet for  
Android(4278354146) contains.

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# Color

**Android(4278354146)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0280E2
RGB	2, 128, 226
RGB Percent	1%, 50%, 89%
CMY	0.9922, 0.4980, 0.1137
CMYK	0.99, 0.43, 0.00, 0.11
HSL	206°, 98%, 45%
HSV	206°, 99%, 89%
XYZ	21.4717, 20.9422, 74.8621
YIQ	101.4980, -106.5540, 3.7660

# Conversions

## Conversions Part 2

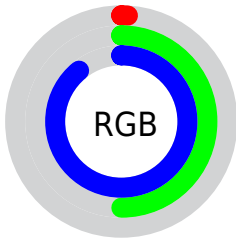
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 83, 226
Decimal	164066
CIELab	52.89, 7.59, -57.75
CIElCh	53, 58.249, 277.491
Yxy	20.9422, 0.1831, 0.1786
Android (android.graphics.Color)	4278354146 (0xFF0280E2)
YUV	101.4980, 61.3795, -87.2597
Hunter-Lab	45.7627, 3.6668, -64.9572

# Details

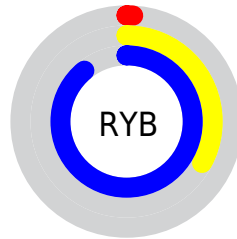
The Android color `4278354146` is a dark color, and the websafe version is hex `3399FF`. The color can be described as dark washed azure. A complement of this color would be `4293026818`, and the grayscale version is `4284835173`.

A 20% lighter version of the original color is `4285117695`, and `4278210730` is the 20% darker color. If you saturate the color by 10%, you get `4278222818`, and if you desaturate by 10%, it is `4279864034`.

# Distribution



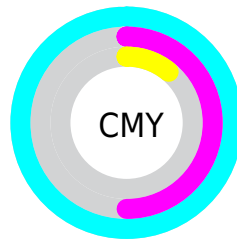
- Red (1%)
- Green (50%)
- Blue (89%)



- Red (1%)
- Yellow (33%)
- Blue (89%)



- Cyan (99%)
- Magenta (43%)
- Yellow (0%)
- Black (11%)



- Cyan (99%)
- Magenta (50%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278354146 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 4278354146 by changing the saturation by 10% instead.





4278354146



4278354146

4294967295



4278216646



4285117695



4278210730



4287287551



4278205071



4289326335



4278199925



4291362815



4278194523



4293394431



4278191939



4278190892



4278190358



4278190080

■ 4278354146

■ 4278354146

■ 4278222818

■ 4279864034

■ 4281308386

■ 4282818274

■ 4284262626

■ 4285772258

■ 4287282146

■ 4288726498

■ 4290236386

■ 4291680738

# Harmonies

## Analogous

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



4278226651



4278354146



4287654862

# Triad

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



4278354146



4291909700



4278227798

# Complementary

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



4278354146



4293026818

# 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.



4283862054



4278354146



4290080282

# Square

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



4278354146



4292365428



4287332353



4278228618

# Rectangle

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



4278354146



4290141365



4287332353



4279603525

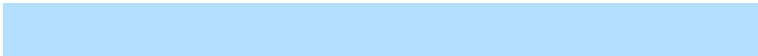


# Sweetspot

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



4278354146



4289978111



4278379107



4283591552



4278190080



4286611584



# Same Dimension

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



4278354146



4278226943



4278325730



4284836720



4278215600



4278197040



# Inverse Universe

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



4293001856



4294901903



4293055234



4285556075



4289724515



4281335835



# Previews

## White Background



This preview shows how the Android color 4278354146 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 4278354146 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 4278354146 Background



This preview shows how black text looks on a background with the Android color 4278354146.



This preview shows how white text looks on a background with the Android color 4278354146.

# 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**  
4278354146

**Protanomaly**  
4281629918

**Deuteranomaly**  
4279009506

**Tritanomaly**  
4278290609

# Monochromacy



**Original Color**  
4278354146

**Achromatopsia**  
4284835173

**Achromatomaly**  
4282478482

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278354146 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(2, 128, 226)` looks like.

```
.text, #text, p{  
    color:rgb(2, 128, 226)  
}
```

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(2, 128, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 128, 226) }
```

## Border

The CSS property to change the border of an element to Android 4278354146 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(2, 128, 226) }
```

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

```
.border{ border-color:rgb(2, 128, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 128, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 128, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 128, 226);  
box-shadow:4px 4px 4px 4px rgb(2, 128,  
226) }
```

# Background

The CSS property to change the background color of an element to Android 4278354146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 128, 226) }
```

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

```
.background{ background-color: rgb(2, 128,  
226) }
```

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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