

Converting Colors

Android(4278556136)

Have a look what the booklet for
Android(4278556136) contains.

Android(4278556136)	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(4278556136)

Conversions

Conversions Part 1

Format	Color
Hex	0595E8
RGB	5, 149, 232
RGB Percent	2%, 58%, 91%
CMY	0.9804, 0.4157, 0.0902
CMYK	0.98, 0.36, 0.00, 0.09
HSL	202°, 96%, 46%
HSV	202°, 98%, 91%
XYZ	25.3755, 27.3534, 80.2862
YIQ	115.4060, -112.4670, -4.7150

Conversions

Conversions Part 2

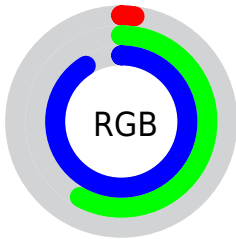
Format	Color
RYB	5, 93, 232
Decimal	366056
CIELab	59.30, -2.61, -50.86
CIELCh	59, 50.925, 267.058
Yxy	27.3534, 0.1908, 0.2056
Android (android.graphics.Color)	4278556136 (0xFF0595E8)
YUV	115.4060, 57.4808, -96.8261
Hunter-Lab	52.3004, -4.9198, -54.4056

Details

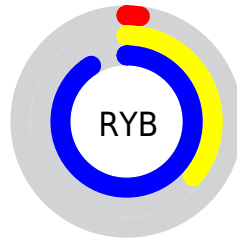
The Android color `4278556136` is a dark color, and the websafe version is hex `0099FF`. The color can be described as dark washed azure. A complement of this color would be `4293416965`, and the grayscale version is `4285756275`.

A 20% lighter version of the original color is `4285254655`, and `4278215600` is the 20% darker color. If you saturate the color by 10%, you get `4278227944`, and if you desaturate by 10%, it is `4280065512`.

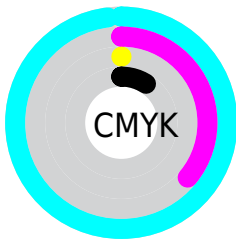
Distribution



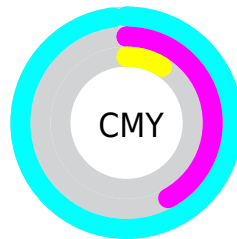
- Red (2%)
- Green (58%)
- Blue (91%)



- Red (2%)
- Yellow (36%)
- Blue (91%)



- Cyan (98%)
- Magenta (36%)
- Yellow (0%)
- Black (9%)



- Cyan (98%)
- Magenta (42%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278556136 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 4278556136 by changing the saturation by 10% instead.

 4278556136

 4278556136

4294967295

 4278221772

 4285254655


 4278215600

 4287424511

 4278209429

 4289527807

 4278203770

 4291559423

 4278198625

 4293591039

 4278192457

 4278191153

 4278190363

 4278190080

■ 4278556136

■ 4278556136

■ 4278227944

■ 4280065512

■ 4281575144

■ 4283150056

■ 4284659688

■ 4286169064

■ 4287678696

■ 4289188072

■ 4290763240

■ 4292272616

Harmonies

Analogous

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



4278231257



4278556136



4287202783

Triad

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



4278556136



4292897641



4282753372

Complementary

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



4278556136



4293416965

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.



4286552122



4278556136



4291656260

Square

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



4278556136



4292700053



4289432368



4278232201

Rectangle

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



4278556136



4289886412



4289432368



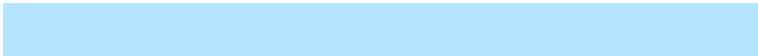
4284194383

Sweetspot

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



4278556136



4290110719



4278577236



4283658112



4278190080



4286611584

Same Dimension

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



4278556136



4278231807



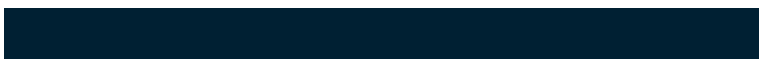
4278527976



4284968819



4278219187



4278198323

Inverse Universe

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



4293395861



4294901922



4293445125



4285753199



4289921137



4281532448

Previews

White Background



This preview shows how the Android color 4278556136 looks on a white background.

Color Contrast Check

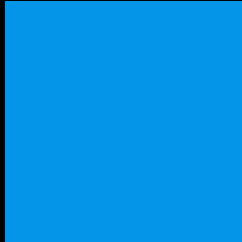
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278556136 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

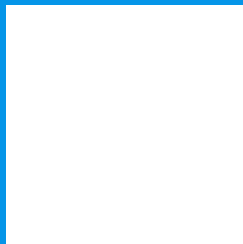
Any Text WCAG AAA × Fail

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

Android 4278556136 Background



This preview shows how black text looks on a background with the Android color 4278556136.



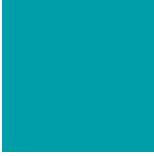
This preview shows how white text looks on a background with the Android color 4278556136.

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
4278556136

Protanomaly
4282945506

Deuteranomaly
4281831913

Tritanomaly
4278361024

Monochromacy



Original Color
4278556136

Achromatopsia
4285756275

Achromatomaly
4283137950

CSS Examples

Text

The CSS property to change the color of the text to Android 4278556136 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(5, 149, 232)` looks like.

```
.text, #text, p{  
    color:rgb(5, 149, 232)  
}
```

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(5, 149, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 149, 232) }
```

Border

The CSS property to change the border of an element to Android 4278556136 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(5, 149, 232) }
```

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

```
.border{ border-color:rgb(5, 149, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 149, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 149, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 149, 232);  
box-shadow:4px 4px 4px 4px rgb(5, 149,  
232) }
```

Background

The CSS property to change the background color of an element to Android 4278556136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 149, 232) }
```

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

```
.background{ background-color: rgb(5, 149,  
232) }
```

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