

Converting Colors

Android(4286640639)

Have a look what the booklet for
Android(4286640639) contains.

| | |
|--|----|
| Android(4286640639) | 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(4286640639)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 80F1FF |
| RGB | 128, 241, 255 |
| RGB Percent | 50%, 95%, 100% |
| CMY | 0.4980, 0.0549, 0.0000 |
| CMYK | 0.50, 0.05, 0.00, 0.00 |
| HSL | 187°, 100%, 75% |
| HSV | 187°, 50%, 100% |
| XYZ | 58.4074, 74.7198, 105.9517 |
| YIQ | 208.8090, -71.8420, -19.6020 |

Conversions

Conversions Part 2

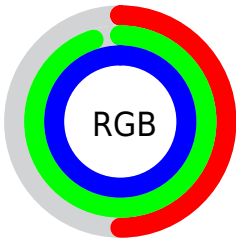
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 128, 188, 255 |
| Decimal | 8450559 |
| CIELab | 89.26, -28.62, -16.70 |
| CIELCh | 89, 33.142, 210.265 |
| Yxy | 74.7198, 0.2443, 0.3125 |
| Android (android.graphics.Color) | 4286640639 (0xFF80F1FF) |
| YUV | 208.8090, 22.7722, -70.8695 |
| Hunter-Lab | 86.4406, -30.6597, -12.1643 |

Details

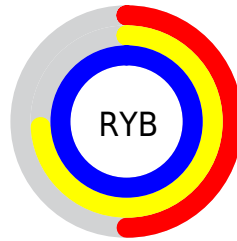
The Android color `4286640639` is a light color, and the websafe version is hex `99FFFF`. A complement of this color would be `4294938240`, and the grayscale version is `4291940817`.

A 20% lighter version of the original color is `4290576383`, and `4282431942` is the 20% darker color. If you saturate the color by 10%, you get `4285001471`, and if you desaturate by 10%, it is `4288345343`.

Distribution



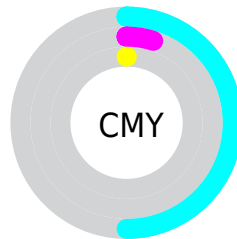
- Red (50%)
- Green (95%)
- Blue (100%)



- Red (50%)
- Yellow (74%)
- Blue (100%)



- Cyan (50%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286640639 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 4286640639 by changing the saturation by 10% instead.

 4286640639

 4286640639

4294967295

 4284601570

 4290576383

 4282431942

 4292542463

 4279147947

 4294574079

 4278223760

 4278217335

 4278210910

 4278204742

 4278199344

 4278190364

 4286640639


 4286640639


 4285001471

 4288345343

 4283296767

 4289984511

 4281592319

 4291688959

 4279953151

 4293328127

 4278248447

4294967295

Harmonies

Analogous

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



4287689439



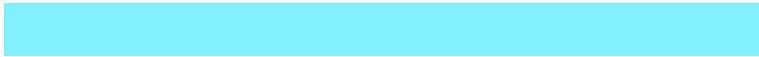
4286640639



4287687935

Triad

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



4286640639



4294954751



4294434465

Complementary

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



4286640639



4294938240

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.



4294956202



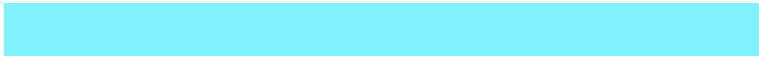
4286640639



4294953441

Square

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



4286640639



4293253375



4294953922



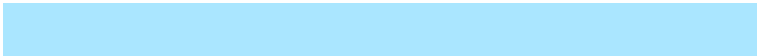
4292208809

Rectangle

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



4286640639



4289390335



4294953922



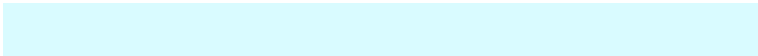
4294957986

Sweetspot

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



4286640639



4292475903



4286644109



4285103488



4278190080



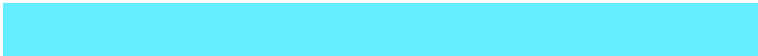
4286611584

Same Dimension

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



4286640639



4284935935



4286624767



4285759104



4278233791



4278204736

Inverse Universe

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



4294934769



4294928110



4294954112



4286608254



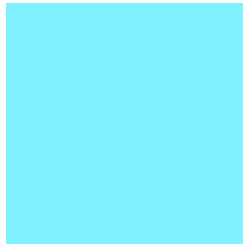
4290707626



4282384441

Previews

White Background



This preview shows how the Android color 4286640639 looks on a white background.

Color Contrast Check

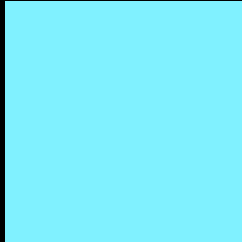
Large Text (above 18pt) WCAG AA × Fail

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 4286640639 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 4286640639 Background



This preview shows how black text looks on a background with the Android color 4286640639.



This preview shows how white text looks on a background with the Android color 4286640639.

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](#).

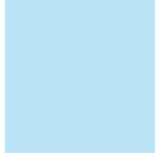
Dichromacy



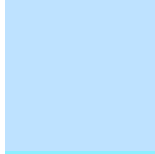
Trichromacy



Original Color
4286640639



Protanomaly
4290503927



Deuteranomaly
4290700031

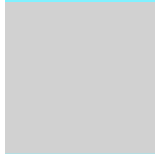


Tritanomaly
4287426559

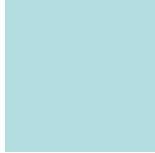
Monochromacy



Original Color
4286640639



Achromatopsia
4291940817



Achromatomaly
4290043362

CSS Examples

Text

The CSS property to change the color of the text to Android 4286640639 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(128, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(128, 241, 255)  
}
```

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(128, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 241, 255) }
```

Border

The CSS property to change the border of an element to Android 4286640639 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(128, 241, 255) }
```

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

```
.border{ border-color:rgb(128, 241, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(128, 241,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4286640639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 241, 255) }
```

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

```
.background{ background-color: rgb(128,  
241, 255) }
```

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