

Converting Colors

Android(4284082175)

Have a look what the booklet for
Android(4284082175) contains.

Android(4284082175)	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(4284082175)

Conversions

Conversions Part 1

Format	Color
Hex	59E7FF
RGB	89, 231, 255
RGB Percent	35%, 91%, 100%
CMY	0.6510, 0.0941, 0.0000
CMYK	0.65, 0.09, 0.00, 0.00
HSL	189°, 100%, 67%
HSV	189°, 65%, 100%
XYZ	50.7457, 66.4957, 104.7681
YIQ	191.2780, -92.3360, -22.6400

Conversions

Conversions Part 2

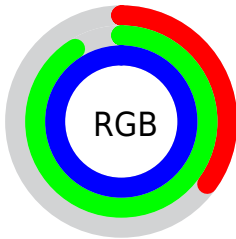
Format	Color
R_{YB}	89, 166, 255
Decimal	5892095
CIE _{Lab}	85.25, -30.79, -22.88
CIE _{LCh}	85, 38.363, 216.616
Yxy	66.4957, 0.2286, 0.2995
Android (android.graphics.Color)	4284082175 (0xFF59E7FF)
YUV	191.2780, 31.4149, -89.6978
Hunter-Lab	81.5449, -31.6222, -19.0938

Details

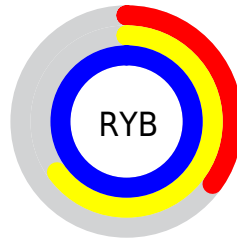
The Android color `4284082175` is a light color, and the websafe version is hex `66FFFF`. The color can be described as light muted cyan. A complement of this color would be `4294930777`, and the grayscale version is `4290756543`.

A 20% lighter version of the original color is `4288413695`, and `4278235078` is the 20% darker color. If you saturate the color by 10%, you get `4282442751`, and if you desaturate by 10%, it is `4285787135`.

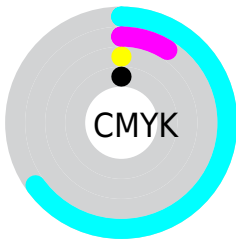
Distribution



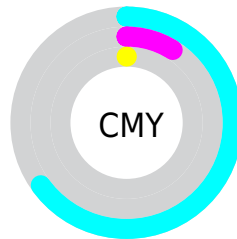
- Red (35%)
- Green (91%)
- Blue (100%)



- Red (35%)
- Yellow (65%)
- Blue (100%)



- Cyan (65%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284082175 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 4284082175 by changing the saturation by 10% instead.



4284082175



4284082175

4294967295



4281322466



4288413695



4278235078



4290510847



4278228139



4292542463



4278221456



4294574079



4278215031



4278208606



4278202694



4278197552



4278190363

■ 4284082175

■ 4284082175

■ 4282442751

■ 4285787135

■ 4280738047

■ 4287426303

■ 4279098623

■ 4289131263

■ 4278246143

■ 4290770687

■ 4292475391

■ 4294114815

4294967295

Harmonies

Analogous

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



4285262300



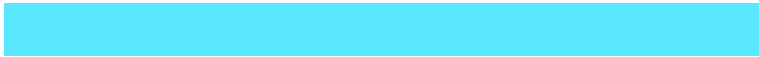
4284082175



4286177535

Triad

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



4284082175



4294950643



4293318028

Complementary

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



4284082175



4294930777

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.



4294953363



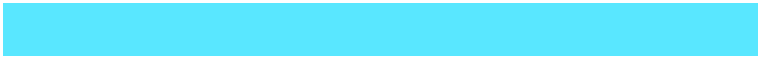
4284082175



4294949326

Square

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



4284082175



4293183999



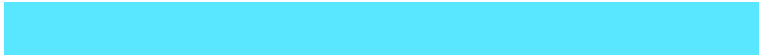
4294950571



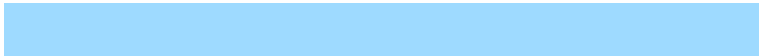
4290764954

Rectangle

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



4284082175



4288600831



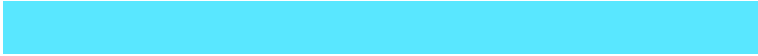
4294950571



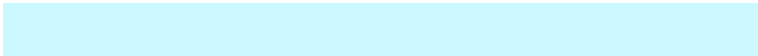
4294103436

Sweetspot

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



4284082175



4291623167



4284088175



4284578688



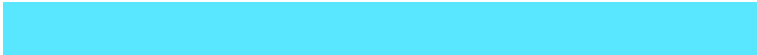
4278190080



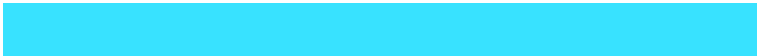
4286611584

Same Dimension

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



4284082175



4281918207



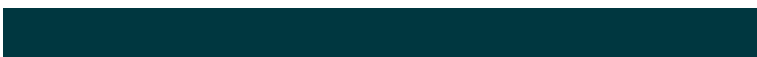
4284061439



4285759104



4278232255



4278204224

Inverse Universe

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



4294924775



4294916322



4294951513



4286608254



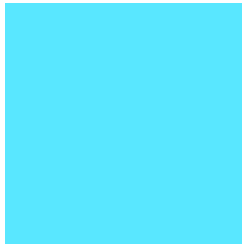
4290707620



4282384439

Previews

White Background



This preview shows how the Android color 4284082175 looks on a white background.

Color Contrast Check

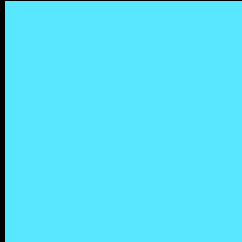
Large Text (above 18pt) WCAG AA × Fail

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 4284082175 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 4284082175 Background



This preview shows how black text looks on a background with the Android color 4284082175.



This preview shows how white text looks on a background with the Android color 4284082175.

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](#).

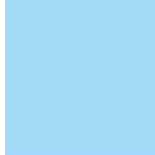
Dichromacy



Trichromacy



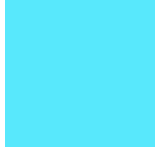
Original Color
4284082175



Protanomaly
4288928502



Deuteranomaly
4289059071

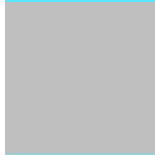


Tritanomaly
4284016892

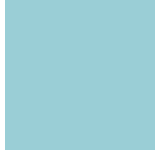
Monochromacy



Original Color
4284082175



Achromatopsia
4290756543



Achromatomaly
4288335574

CSS Examples

Text

The CSS property to change the color of the text to Android 4284082175 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(89, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(89, 231, 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(89, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 231, 255) }
```

Border

The CSS property to change the border of an element to Android 4284082175 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(89, 231, 255) }
```

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

```
.border{ border-color:rgb(89, 231, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(89, 231,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4284082175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 231, 255) }
```

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

```
.background{ background-color: rgb(89, 231,  
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