

Converting Colors

Android(4284612586)

Have a look what the booklet for
Android(4284612586) contains.

Android(4284612586)	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(4284612586)

Conversions

Conversions Part 1

Format	Color
Hex	61FFEA
RGB	97, 255, 234
RGB Percent	38%, 100%, 92%
CMY	0.6196, 0.0000, 0.0824
CMYK	0.62, 0.00, 0.08, 0.00
HSL	172°, 100%, 69%
HSV	172°, 62%, 100%
XYZ	55.5410, 80.0019, 90.3565
YIQ	205.3640, -87.4270, -40.0270

Conversions

Conversions Part 2

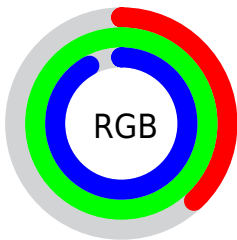
Format	Color
R _Y B	97, 182, 255
Decimal	6422506
CIE Lab	91.69, -46.14, -2.28
CIE LCh	92, 46.201, 182.828
Yxy	80.0019, 0.2459, 0.3541
Android (android.graphics.Color)	4284612586 (0xFF61FFEA)
YUV	205.3640, 14.1175, -95.0352
Hunter-Lab	89.4438, -45.6852, 2.7156

Details

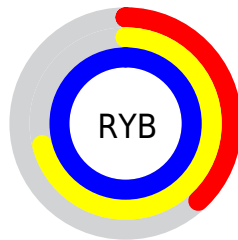
The Android color `4284612586` is a light color, and the websafe version is hex `33FFFF`. A complement of this color would be `4294926710`, and the grayscale version is `4291677645`.

A 20% lighter version of the original color is `4288872447`, and `4278240690` is the 20% darker color. If you saturate the color by 10%, you get `4282908647`, and if you desaturate by 10%, it is `4286250989`.

Distribution



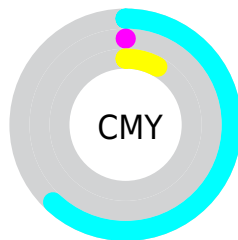
- Red (38%)
- Green (100%)
- Blue (92%)



- Red (38%)
- Yellow (71%)
- Blue (100%)



- Cyan (62%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)



- Cyan (62%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284612586 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 4284612586 by changing the saturation by 10% instead.

 4284612586

 4284612586

4294967295

 4282049230

 4288872447

 4278240690

 4290904063

 4278233752

 4292935679

 4278226814

 4278219877

 4278213453

 4278207030

 4278201377

 4278193163

■ 4284612586

■ 4284612586

■ 4282908647

■ 4286250989

■ 4281270243

■ 4287954929

■ 4279566304

■ 4289658868

■ 4278255581

■ 4291297272

■ 4293001211

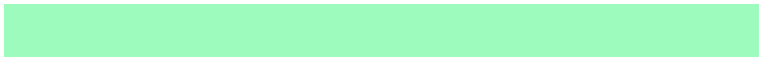
■ 4294639614

4294967295

Harmonies

Analogous

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



4288478141



4284612586



4281531903

Triad

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



4284612586



4294105855



4294956697

Complementary

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



4284612586



4294926710

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.



4294953401



4284612586



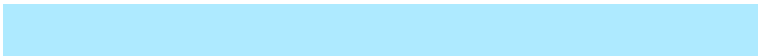
4294953983

Square

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



4284612586



4289653503



4294952421



4294960782

Rectangle

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



4284612586



4283103743



4294952421



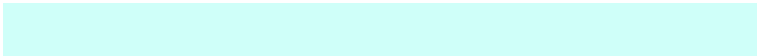
4294955682

Sweetspot

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



4284612586



4291821561



4285988705



4284645500



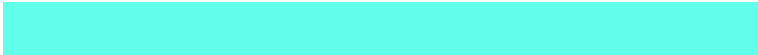
4278190080



4286611584

Same Dimension

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



4284612586



4282580966



4284597759



4285759614



4278239142



4278206519

Inverse Universe

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



4294926710



4294918747



4294941537



4286608244



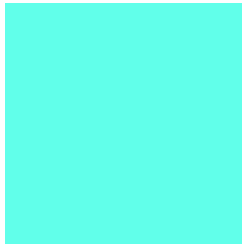
4290707481



4282384392

Previews

White Background



This preview shows how the Android color 4284612586 looks on a white background.

Color Contrast Check

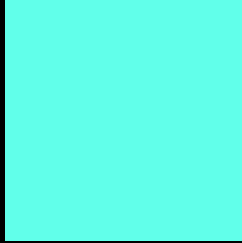
Large Text (above 18pt) WCAG AA × Fail

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 4284612586 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

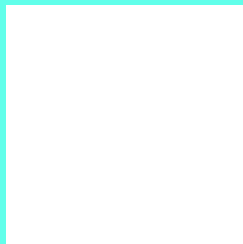
Any Text WCAG AAA ✓ Pass

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

Android 4284612586 Background



This preview shows how black text looks on a background with the Android color 4284612586.

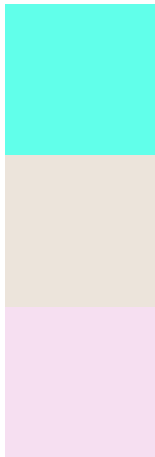


This preview shows how white text looks on a background with the Android color 4284612586.

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



Original Color
4284612586

Protanopia
4293715163

Deuteranopia
4294369265



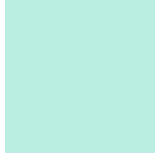
Tritanopia
4289393407

Trichromacy



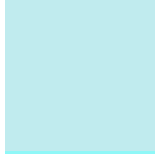
Original Color

4284612586



Protanomaly

4290375392



Deuteranomaly

4290833390



Tritanomaly

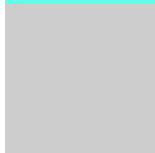
4287625207

Monochromacy



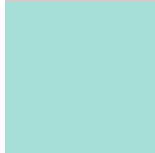
Original Color

4284612586



Achromatopsia

4291677645



Achromatomaly

4289126360

CSS Examples

Text

The CSS property to change the color of the text to Android 4284612586 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(97, 255, 234)` looks like.

```
.text, #text, p{  
    color:rgb(97, 255, 234)  
}
```

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(97, 255, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 255, 234) }
```

Border

The CSS property to change the border of an element to Android 4284612586 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(97, 255, 234) }
```

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

```
.border{ border-color:rgb(97, 255, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 255, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 255, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 255, 234);  
box-shadow:4px 4px 4px 4px rgb(97, 255,  
234) }
```

Background

The CSS property to change the background color of an element to Android 4284612586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 255, 234) }
```

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

```
.background{ background-color: rgb(97, 255,  
234) }
```

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