

Converting Colors

Android(4285724642)

Have a look what the booklet for
Android(4285724642) contains.

Android(4285724642)	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(4285724642)

Conversions

Conversions Part 1

Format	Color
Hex	72F7E2
RGB	114, 247, 226
RGB Percent	45%, 97%, 89%
CMY	0.5529, 0.0314, 0.1137
CMYK	0.54, 0.00, 0.09, 0.03
HSL	171°, 89%, 71%
HSV	171°, 54%, 97%
XYZ	53.9277, 75.5899, 83.6995
YIQ	204.8390, -72.5270, -34.7270

Conversions

Conversions Part 2

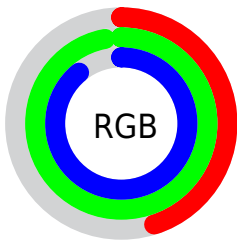
Format	Color
RYB	114, 186, 247
Decimal	7534562
CIELab	89.67, -41.54, -1.02
CIELCh	90, 41.550, 181.412
Yxy	75.5899, 0.2529, 0.3545
Android (android.graphics.Color)	4285724642 (0xFF72F7E2)
YUV	204.8390, 10.4324, -79.6658
Hunter-Lab	86.9425, -41.4314, 3.7812

Details

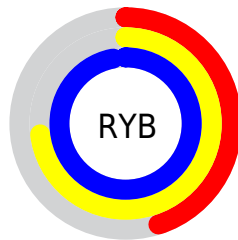
The Android color `4285724642` is a light color, and the websafe version is hex `66FFFF`. A complement of this color would be `4294406791`, and the grayscale version is `4291677645`.

A 20% lighter version of the original color is `4289724415`, and `4281122475` is the 20% darker color. If you saturate the color by 10%, you get `4284086238`, and if you desaturate by 10%, it is `4287363046`.

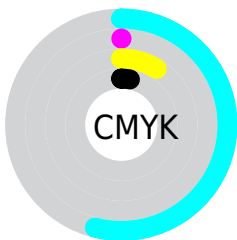
Distribution



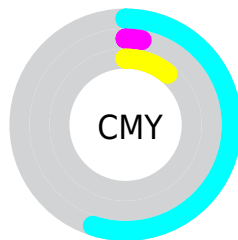
- Red (45%)
- Green (97%)
- Blue (89%)



- Red (45%)
- Yellow (73%)
- Blue (97%)



- Cyan (54%)
- Magenta (0%)
- Yellow (9%)
- Black (3%)



- Cyan (55%)
- Magenta (3%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285724642 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 4285724642 by changing the saturation by 10% instead.

 4285724642


 4285724642

4294967295

 4283620038

 4289724415

 4281122475

 4291690495

 4278231696

 4293722111

 4278225015

 4278218334

 4278211655

 4278205488

 4278200347

 4278190081

 4285724642

 4285724642

 4284086238

 4287363046

 4282513370

 4288935914

 4280874966

 4290574318

 4279236562

 4292212722

 4278253520

 4293851126

 4294965241

 4294965245

 4294965247

Harmonies

Analogous

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



4288869306



4285724642



4283758335

Triad

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



4285724642



4293515007



4294955677

Complementary

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



4285724642



4294406791

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.



4294952890



4285724642



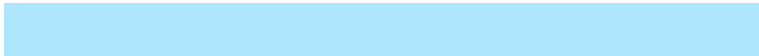
4294953727

Square

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



4285724642



4289652223



4294951905



4294697106

Rectangle

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



4285724642



4284609279



4294951905



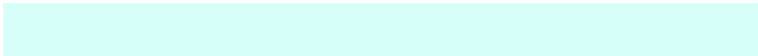
4294954661

Sweetspot

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



4285724642



4292280313



4287166322



4284973180



4278190080



4286611584

Same Dimension

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



4285724642



4284088293



4285713399



4285430392



4278237853



4278205233

Inverse Universe

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



4294406791



4294924659



4294418034



4286213744



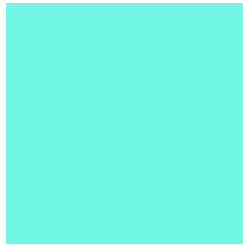
4290379805



4282056713

Previews

White Background



This preview shows how the Android color 4285724642 looks on a white background.

Color Contrast Check

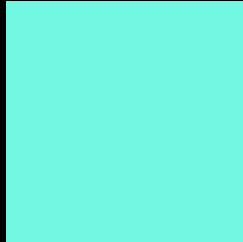
Large Text (above 18pt) WCAG AA × Fail

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 4285724642 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 4285724642 Background



This preview shows how black text looks on a background with the Android color 4285724642.

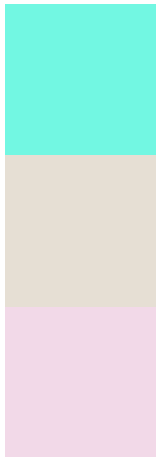


This preview shows how white text looks on a background with the Android color 4285724642.

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
4285724642

Protanopia
4293320660

Deuteranopia
4294105576



Tritanopia
4288081919

Trichromacy



Original Color

4285724642



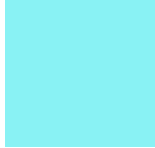
Protanomaly

4290570457



Deuteranomaly

4291028198



Tritanomaly

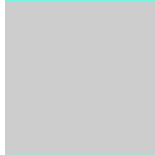
4287230708

Monochromacy



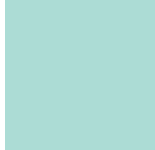
Original Color

4285724642



Achromatopsia

4291677645



Achromatomaly

4289518805

CSS Examples

Text

The CSS property to change the color of the text to Android 4285724642 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(114, 247, 226)` looks like.

```
.text, #text, p{  
    color:rgb(114, 247, 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(114, 247, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 247, 226) }
```

Border

The CSS property to change the border of an element to Android 4285724642 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(114, 247, 226) }
```

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

```
.border{ border-color:rgb(114, 247, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 247, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 247, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 247, 226); box-shadow:4px 4px 4px 4px rgb(114, 247, 226) }
```

Background

The CSS property to change the background color of an element to Android 4285724642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 247, 226) }
```

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

```
.background{ background-color: rgb(114,  
247, 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](#).

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