

# Converting Colors

Android(4285723525)

Have a look what the booklet for  
Android(4285723525) contains.

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# **Color**

**Android(4285723525)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72F385
RGB	114, 243, 133
RGB Percent	45%, 95%, 52%
CMY	0.5529, 0.0471, 0.4784
CMYK	0.53, 0.00, 0.45, 0.05
HSL	129°, 84%, 70%
HSV	129°, 53%, 95%
XYZ	43.2237, 69.3720, 33.3023
YIQ	191.8890, -41.5740, -61.5580

# Conversions

## Conversions Part 2

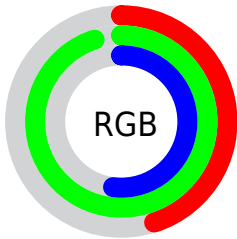
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">114, 226, 243</a>
Decimal	<a href="#">7533445</a>
CIELab	<a href="#">86.69, -58.12, 42.30</a>
CIELCh	<a href="#">87, 71.881, 143.955</a>
Yxy	<a href="#">69.3720, 0.2963, 0.4755</a>
Android (android.graphics.Color)	<a href="#">4285723525 (0xFF72F385)</a>
YUV	<a href="#">191.8890, -29.0323, -68.3087</a>
Hunter-Lab	<a href="#">83.2899, -53.1239, 34.5966</a>

# Details

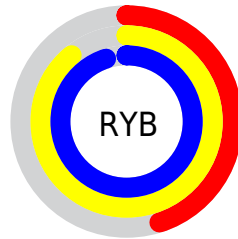
The Android color **4285723525** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **4294144736**, and the grayscale version is **4290822336**.

A 20% lighter version of the original color is **4289658812**, and **4281317969** is the 20% darker color. If you saturate the color by 10%, you get **4284150640**, and if you desaturate by 10%, it is **4287296410**.

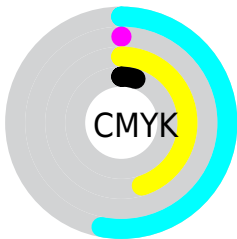
# Distribution



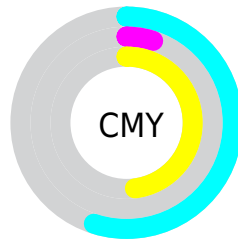
- Red (45%)
- Green (95%)
- Blue (52%)



- Red (45%)
- Yellow (89%)
- Blue (95%)



- Cyan (53%)
- Magenta (0%)
- Yellow (45%)
- Black (5%)



- Cyan (55%)
- Magenta (5%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285723525 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 4285723525 by changing the saturation by 10% instead.





4285723525



4285723525

4294967295



4283684459



4289658812



4281317969



4291624920



4278230584



4293591029



4278223646



4278216960



4278210304



4278204160



4278198016



4278190080

 4285723525

 4285723525

 4284150640

 4287296410

 4282512220

 4288934830

 4280939335

 4290507715

 4279366450

 4292080600

 4278252324

 4293653485

 4294964223

# Harmonies

## Analogous

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



4291421779



4285723525



4278254280

# Triad

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



4285723525



4278248959



4294942886

# Complementary

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



4285723525



4294144736

# 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.



4294942186



4285723525



4291087871

# Square

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



4285723525



4278252799



4294947071



4294948716

# Rectangle

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



4285723525



4278254584



4294947071



4294941884

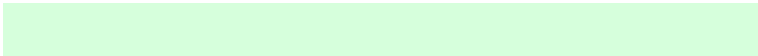


# Sweetspot

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



4285723525



4292280284



4293063538



4284973163



4278190080



4286611584



# Same Dimension

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



4285723525



4284284788



4285723588



4285430384



4278237723



4278205193



# Inverse Universe

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



4294144736



4294925543



4294144673



4286213753



4290379935

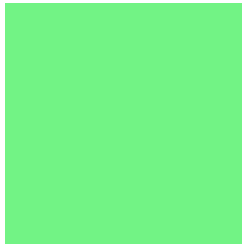


4282056754



# Previews

## White Background



This preview shows how the Android color 4285723525 looks on a white background.

## Color Contrast Check

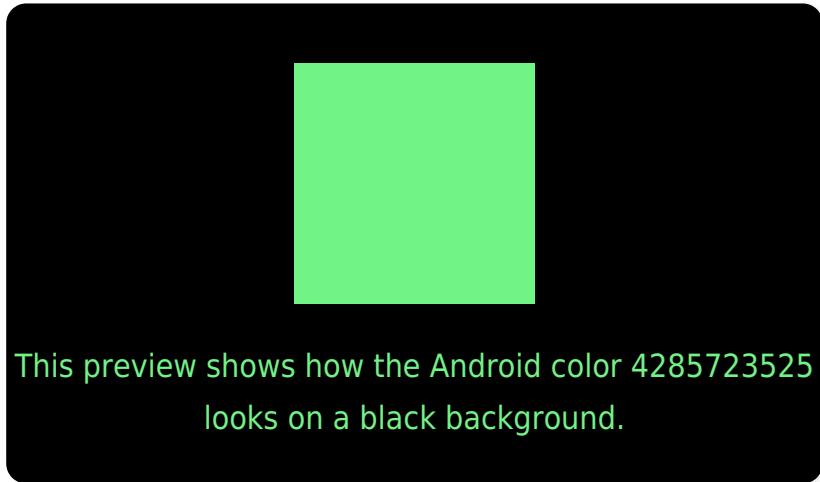
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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

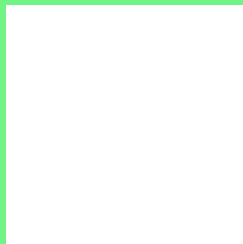
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4285723525 Background



This preview shows how black text looks on a background with the Android color 4285723525.

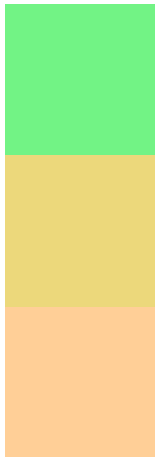


This preview shows how white text looks on a background with the Android color 4285723525.

# 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**  
4285723525

**Protanopia**  
4293711995

**Deuteranopia**  
4294954903

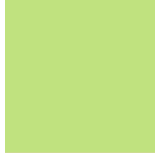


# Trichromacy



**Original Color**

4285723525



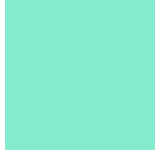
**Protanomaly**

4290830975



**Deuteranomaly**

4291615888



**Tritanomaly**

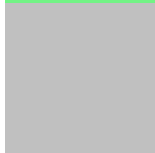
4286901198

# Monochromacy



**Original Color**

4285723525



**Achromatopsia**

4290822336



**Achromatomaly**

4288992171

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285723525 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, 243, 133)` looks like.

```
.text, #text, p{  
    color:rgb(114, 243, 133)  
}
```

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, 243, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 243, 133) }
```

## Border

The CSS property to change the border of an element to Android 4285723525 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, 243, 133) }
```

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

```
.border{ border-color:rgb(114, 243, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 243, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 243, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 243, 133);  
box-shadow:4px 4px 4px 4px rgb(114, 243,  
133) }
```

# Background

The CSS property to change the background color of an element to Android 4285723525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 243, 133) }
```

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

```
.background{ background-color: rgb(114,  
243, 133) }
```

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](#).



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