

# Converting Colors

Android(4285177326)

Have a look what the booklet for  
Android(4285177326) contains.

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# **Color**

**Android(4285177326)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A9DEE
RGB	106, 157, 238
RGB Percent	42%, 62%, 93%
CMY	0.5843, 0.3843, 0.0667
CMYK	0.55, 0.34, 0.00, 0.07
HSL	217°, 80%, 67%
HSV	217°, 55%, 93%
XYZ	33.4334, 33.3512, 85.5642
YIQ	150.9850, -56.3970, 14.3790

# Conversions

## Conversions Part 2

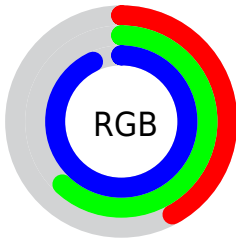
Format	Color
<a href="#">RYB</a>	<a href="#">106, 143, 238</a>
Decimal	<a href="#">6987246</a>
CIELab	<a href="#">64.44, 6.21, -45.86</a>
CIELCh	<a href="#">64, 46.283, 277.712</a>
Yxy	<a href="#">33.3512, 0.2195, 0.2189</a>
Android (android.graphics.Color)	<a href="#">4285177326 (0xFF6A9DEE)</a>
YUV	<a href="#">150.9850, 42.8984, -39.4518</a>
Hunter-Lab	<a href="#">57.7505, 2.2756, -47.4199</a>

# Details

The Android color `4285177326` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `4293835626`, and the grayscale version is `4288124823`.

A 20% lighter version of the original color is `4289057791`, and `4280838838` is the 20% darker color. If you saturate the color by 10%, you get `4283600622`, and if you desaturate by 10%, it is `4286754030`.

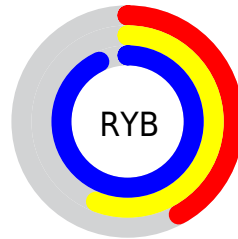
# Distribution



Red (42%)

Green (62%)

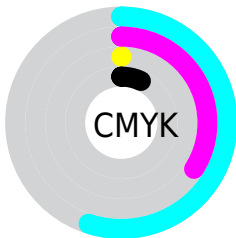
Blue (93%)



Red (42%)

Yellow (56%)

Blue (93%)

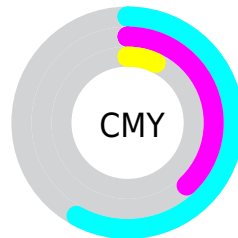


Cyan (55%)

Magenta (34%)

Yellow (0%)

Black (7%)



Cyan (58%)

Magenta (38%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285177326 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 4285177326 by changing the saturation by 10% instead.



 4285177326

 4285177326

4294967295

 4283139025

 4289057791

 4280838838

 4290965503

 4278211226

 4292935679

 4278205568

4294901759

 4278200167

 4278194766

 4278191414

 4278190624

 4278190084

■ 4285177326

■ 4285177326

■ 4283600622

■ 4286754030

■ 4282024174

■ 4288330478

■ 4280513006

■ 4289841646

■ 4278936558

■ 4291418094

■ 4278213870

■ 4292994798

■ 4294571502

■ 4294967278

# Harmonies

## Analogous

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



4278233576



4285177326



4289629662

# Triad

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



4285177326



4293230956



4282691451

# Complementary

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



4285177326



4293835626

# 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.



4286556248



4285177326



4291727184

# Square

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



4285177326



4293556627



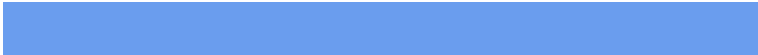
4289436999



4278235558

# Rectangle

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



4285177326



4291593161



4289436999



4284198254



# Sweetspot

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



4285177326



4292142335



4285198009



4284903552



4278190080



4286611584

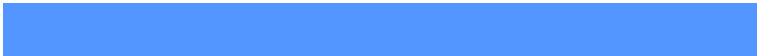


# Same Dimension

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



4285177326



4283733759



4286016238



4285296760



4278208440



4278195768



# Inverse Universe

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



4293814941



4294923414



4292996714



4286082160



4290248775



4281860118



# Previews

## White Background



This preview shows how the Android color 4285177326 looks on a white background.

## Color Contrast Check

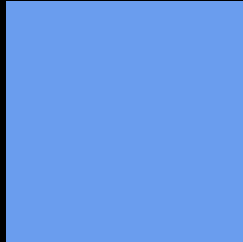
Large Text (above 18pt) WCAG AA × Fail

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 4285177326 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 4285177326 Background



This preview shows how black text looks on a background with the Android color 4285177326.



This preview shows how white text looks on a background with the Android color 4285177326.

# 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**  
4285177326

**Protanopia**  
4286552554

**Deuteranopia**  
4285701102



# Trichromacy



**Original Color**

4285177326

**Protanomaly**

4286028523

**Deuteranomaly**

4285504750

**Tritanomaly**

4284327114

# Monochromacy



**Original Color**

4285177326

**Achromatopsia**

4288124823

**Achromatomaly**

4287076791

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285177326 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(106, 157, 238)` looks like.

```
.text, #text, p{  
    color:rgb(106, 157, 238)  
}
```

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(106, 157, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 157, 238) }
```

## Border

The CSS property to change the border of an element to Android 4285177326 is called "border". The border property can be set on classes, ids or directly on the HTML element.

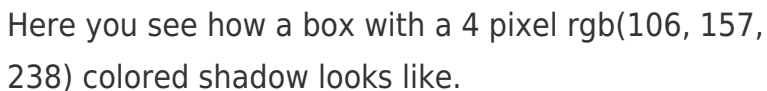
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 157, 238) }
```

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

```
.border{ border-color:rgb(106, 157, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 157, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 157, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 157, 238); box-shadow:4px 4px 4px 4px rgb(106, 157, 238) }
```

# Background

The CSS property to change the background color of an element to Android 4285177326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 157, 238) }
```

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

```
.background{ background-color: rgb(106,  
157, 238) }
```

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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