

# Converting Colors

Android(4285687010)

Have a look what the booklet for  
Android(4285687010) contains.

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# **Color**

**Android(4285687010)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7264E2
RGB	114, 100, 226
RGB Percent	45%, 39%, 89%
CMY	0.5529, 0.6078, 0.1137
CMYK	0.50, 0.56, 0.00, 0.11
HSL	247°, 68%, 64%
HSV	247°, 56%, 89%
XYZ	25.2241, 18.1827, 74.1317
YIQ	118.5500, -32.1020, 42.1540

# Conversions

## Conversions Part 2

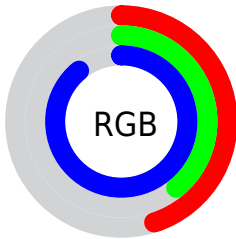
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 100, 226
Decimal	7496930
CIELab	49.72, 38.05, -62.64
CIELCh	50, 73.291, 301.276
Yxy	18.1827, 0.2146, 0.1547
Android (android.graphics.Color)	4285687010 (0xFF7264E2)
YUV	118.5500, 52.9729, -3.9903
Hunter-Lab	42.6412, 30.9681, -73.2267

# Details

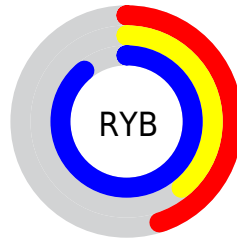
The Android color `4285687010` is a light color, and the websafe version is hex `6666CC`. A complement of this color would be `4292141668`, and the grayscale version is `4285953654`.

A 20% lighter version of the original color is `4289501183`, and `4281611690` is the 20% darker color. If you saturate the color by 10%, you get `4284370402`, and if you desaturate by 10%, it is `4287003618`.

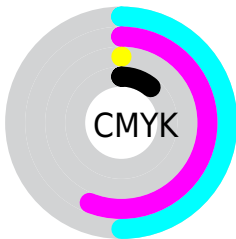
# Distribution



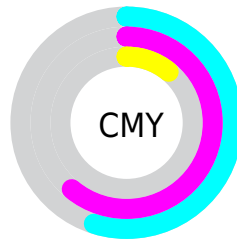
- Red (45%)
- Green (39%)
- Blue (89%)



- Red (45%)
- Yellow (39%)
- Blue (89%)



- Cyan (50%)
- Magenta (56%)
- Yellow (0%)
- Black (11%)



- Cyan (55%)
- Magenta (61%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285687010 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 4285687010 by changing the saturation by 10% instead.



 4285687010

 4285687010

4294967295

 4283714758

 4289501183

 4281611690

 4291474175

 4278198159

 4293447423

 4278192756

 4294961919

 4278190171

 4278191938

 4278190891

 4278190357

 4278190080

 4285687010


 4285687010

 4284370402

 4287003618

 4283054050

 4288319970

 4281737442

 4289636578

 4280421090

 4290952930

 4279828706

 4292269538

 4293651682

 4294967266

# Harmonies

## Analogous

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



4278222580



4285687010



4290854835

# Triad

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



4285687010



4290599680



4278227319

# Complementary

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



4285687010



4292141668

# 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.



4278226229



4285687010



4287460608

# Square

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



4285687010



4292556602



4283270400



4278227382

# Rectangle

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



4285687010



4292487051



4283270400



4278227041



# Sweetspot

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



4285687010



4292400383



4284798434



4285097600



4278190080



4286611584



# Same Dimension

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



4285687010



4284962047



4289750242



4284900720



4279500976



4278517808



# Inverse Universe

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



4293027028



4294923500



4288078436



4285556079



4289724572

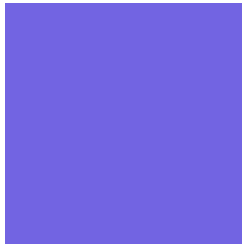


4281335851



# Previews

## White Background



This preview shows how the Android color 4285687010 looks on a white background.

## Color Contrast Check

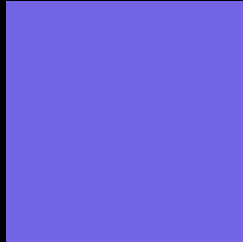
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4285687010 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 × Fail

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



# Android 4285687010 Background



This preview shows how black text looks on a background with the Android color 4285687010.



This preview shows how white text looks on a background with the Android color 4285687010.

# 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**  
4285687010



**Protanomaly**  
4281626092



**Deuteranomaly**  
4280906200



**Tritanomaly**  
4284576679

# Monochromacy



**Original Color**  
4285687010



**Achromatopsia**  
4286019447



**Achromatomaly**  
4285886622

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285687010 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, 100, 226)` looks like.

```
.text, #text, p{  
    color:rgb(114, 100, 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, 100, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 100, 226) }
```

## Border

The CSS property to change the border of an element to Android 4285687010 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, 100, 226) }
```

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

```
.border{ border-color:rgb(114, 100, 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, 100, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 100, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 100, 226);  
box-shadow:4px 4px 4px 4px rgb(114, 100,  
226) }
```

# Background

The CSS property to change the background color of an element to Android 4285687010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 100, 226) }
```

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

```
.background{ background-color: rgb(114,  
100, 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](#).



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