

# Converting Colors

Android(4286464496)

Have a look what the booklet for  
Android(4286464496) contains.

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**Color**

**Android(4286464496)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E41F0
RGB	126, 65, 240
RGB Percent	49%, 25%, 94%
CMY	0.5059, 0.7451, 0.0588
CMYK	0.47, 0.73, 0.00, 0.06
HSL	261°, 85%, 60%
HSV	261°, 73%, 94%
XYZ	26.2227, 14.5075, 83.8562
YIQ	103.1890, -19.8190, 67.3570

# Conversions

## Conversions Part 2

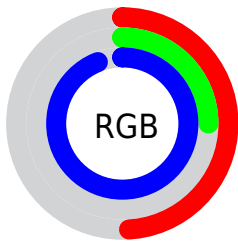
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	126, 65, 240
Decimal	8274416
CIELab	44.95, 62.77, -78.24
CIElCh	45, 100.306, 308.743
Yxy	14.5075, 0.2105, 0.1164
Android (android.graphics.Color)	4286464496 (0xFF7E41F0)
YUV	103.1890, 67.4478, 20.0052
Hunter-Lab	38.0887, 56.2355, -103.8710

# Details

The Android color `4286464496` is a dark color, and the websafe version is hex `6633CC`. The color can be described as middle washed purple. A complement of this color would be `4289982529`, and the grayscale version is `4284966759`.

A 20% lighter version of the original color is `4290475775`, and `4282188215` is the 20% darker color. If you saturate the color by 10%, you get `4285409776`, and if you desaturate by 10%, it is `4287519216`.

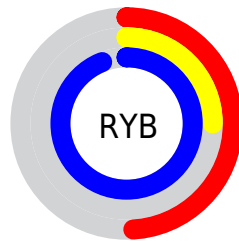
# Distribution



Red (49%)

Green (25%)

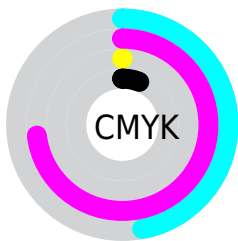
Blue (94%)



Red (49%)

Yellow (25%)

Blue (94%)

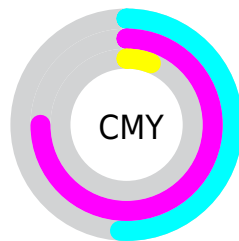


Cyan (47%)

Magenta (73%)

Yellow (0%)

Black (6%)



Cyan (51%)

Magenta (75%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286464496 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 4286464496 by changing the saturation by 10% instead.



 4286464496

 4286464496

4294967295

 4284425683

 4290475775

 4282188215

 4292448767

 4278648987

 4294487551

 4278190208

 4294953471

 4278190182

 4294960895

 4278192461

 4278191413

 4278190623

 4278190081

■ 4286464496

■ 4286464496

■ 4285409776

■ 4287519216

■ 4284420592

■ 4288508400

■ 4283695344

■ 4289563120

■ 4290617840

■ 4291607024

■ 4292661744

■ 4293650928

■ 4294705136

■ 4294967280

# Harmonies

## Analogous

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



4278219007



4286464496



4292477097

# Triad

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



4286464496



4289744128



4278225282

# Complementary

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



4286464496



4289982529

# 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.



4278224422



4286464496



4285296384

# Square

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



4286464496



4292870144



4278222592



4278225619

# Rectangle

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



4286464496



4293918834



4278222592



4278224997



# Sweetspot

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



4286464496



4292528127



4282496752



4285161088



4278190080



4286611584



# Same Dimension

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



4286464496



4285341695



4292035056



4285557880



4282384568



4279500856



# Inverse Universe

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



4293935539



4294909873



4284411969



4286082164



4290248824

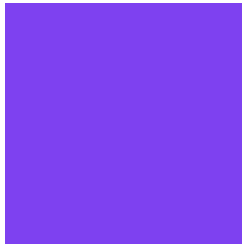


4281860133



# Previews

## White Background



This preview shows how the Android color 4286464496 looks on a white background.

## Color Contrast Check

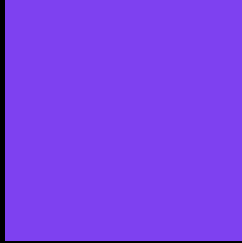
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286464496 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4286464496 Background



This preview shows how black text looks on a background with the Android color 4286464496.

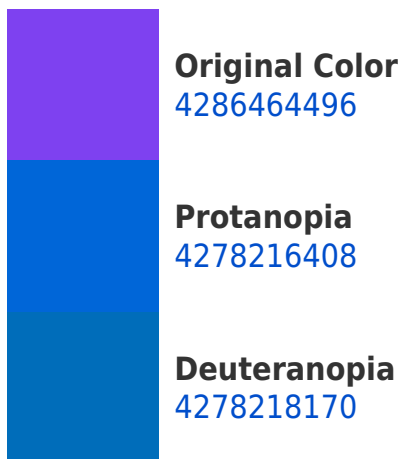


This preview shows how white text looks on a background with the Android color 4286464496.

# 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



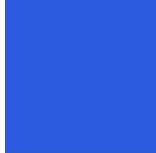


# Trichromacy



**Original Color**

4286464496



**Protanomaly**

4281227745



**Deuteranomaly**

4281228750



**Tritanomaly**

4285095074

# Monochromacy



**Original Color**

4286464496



**Achromatopsia**

4284966759



**Achromatomaly**

4285487513

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286464496 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(126, 65, 240)` looks like.

```
.text, #text, p{  
    color:rgb(126, 65, 240)  
}
```

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(126, 65, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 65, 240) }
```

## Border

The CSS property to change the border of an element to Android 4286464496 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(126, 65, 240) }
```

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

```
.border{ border-color:rgb(126, 65, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 65, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 65, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 65, 240);  
box-shadow:4px 4px 4px 4px rgb(126, 65,  
240) }
```

# Background

The CSS property to change the background color of an element to Android 4286464496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 65, 240) }
```

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

```
.background{ background-color: rgb(126, 65,  
240) }
```

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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