

Converting Colors

Android(4284966094)

Have a look what the booklet for
Android(4284966094) contains.

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Color

Android(4284966094)

Conversions

Conversions Part 1

Format	Color
Hex	6764CE
RGB	103, 100, 206
RGB Percent	40%, 39%, 81%
CMY	0.5961, 0.6078, 0.1922
CMYK	0.50, 0.51, 0.00, 0.19
HSL	242°, 52%, 60%
HSV	242°, 51%, 81%
XYZ	21.2913, 16.4541, 60.4463
YIQ	112.9810, -32.2380, 33.6020

Conversions

Conversions Part 2

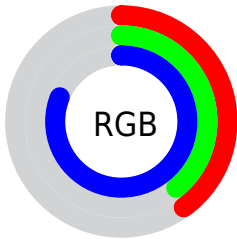
Format	Color
R_{YB}	103, 100, 206
Decimal	6776014
CIE _{Lab}	47.56, 29.68, -54.78
CIE _{LCh}	48, 62.302, 298.446
Yxy	16.4541, 0.2168, 0.1676
Android (android.graphics.Color)	4284966094 (0xFF6764CE)
YUV	112.9810, 45.8584, -8.7533
Hunter-Lab	40.5637, 22.7055, -59.9569

Details

The Android color `4284966094` is a dark color, and the websafe version is hex `6666CC`. A complement of this color would be `4291546724`, and the grayscale version is `4285624689`.

A 20% lighter version of the original color is `4288714751`, and `4280956311` is the 20% darker color. If you saturate the color by 10%, you get `4283649998`, and if you desaturate by 10%, it is `4286282190`.

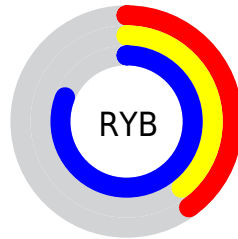
Distribution



Red (40%)

Green (39%)

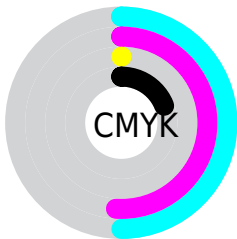
Blue (81%)



Red (40%)

Yellow (39%)

Blue (81%)

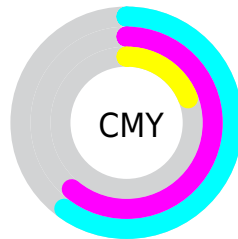


Cyan (50%)

Magenta (51%)

Yellow (0%)

Black (19%)



Cyan (60%)

Magenta (61%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284966094 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 4284966094 by changing the saturation by 10% instead.

 4284966094

 4284966094

4294967295

 4283059378

 4288714751

 4280956311

 4290622207

 4278198396

 4292529663

 4278193507

 4294502911

 4278190154

 4278191155

 4278190621

 4278190080

 4284966094

 4284966094

■ 4283649998

■ 4286282190

■ 4282334158

■ 4287598030

■ 4281018062

■ 4288914126

■ 4279702222

■ 4290229966

■ 4278583502

■ 4291546062

■ 4292862158

■ 4294177998

■ 4294967246

Harmonies

Analogous

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



4278221019



4284966094



4289481129

Triad

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



4284966094



4289878031



4278225004

Complementary

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



4284966094



4291546724

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.



4278223926



4284966094



4287262208

Square

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



4284966094



4291444546



4283923456



4278225058

Rectangle

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



4284966094



4291050119



4283923456



4278224730

Sweetspot

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



4284966094



4292532735



4284796110



4285098368



4278190080



4286611584

Same Dimension

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



4284966094



4284834303



4288373966



4284243046



4278517926



4278255654

Inverse Universe

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



4291716299



4294926843



4288138852



4284898406



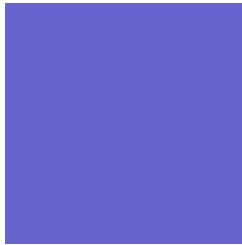
4289069217



4280680485

Previews

White Background



This preview shows how the Android color 4284966094 looks on a white background.

Color Contrast Check

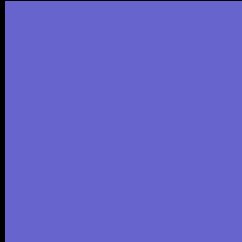
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284966094 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 4284966094 Background



This preview shows how black text looks on a background with the Android color 4284966094.

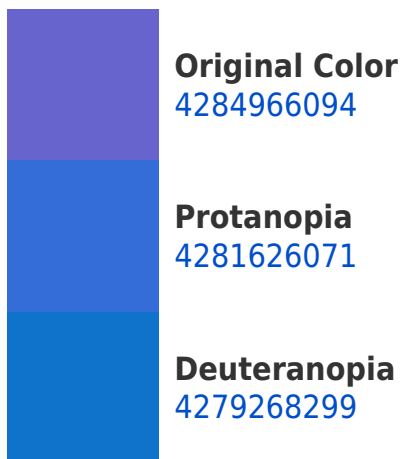


This preview shows how white text looks on a background with the Android color 4284966094.

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
4284966094

Protanomaly
4282870484

Deuteranomaly
4281364172

Tritanomaly
4283986077

Monochromacy



Original Color
4284966094

Achromatopsia
4285624689

Achromatomaly
4285361299

CSS Examples

Text

The CSS property to change the color of the text to Android 4284966094 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(103, 100, 206)` looks like.

```
.text, #text, p{  
    color:rgb(103, 100, 206)  
}
```

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(103, 100, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 100, 206) }
```

Border

The CSS property to change the border of an element to Android 4284966094 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(103, 100, 206) }
```

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

```
.border{ border-color:rgb(103, 100, 206) }
```

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

Here you see how a box with a 4 pixel rgb(103, 100, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 100, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 100, 206);  
box-shadow:4px 4px 4px 4px rgb(103, 100,  
206) }
```

Background

The CSS property to change the background color of an element to Android 4284966094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 100, 206) }
```

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

```
.background{ background-color: rgb(103,  
100, 206) }
```

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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