

Converting Colors

Android(4284760799)

Have a look what the booklet for
Android(4284760799) contains.

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Color

Android(4284760799)

Conversions

Conversions Part 1

Format	Color
Hex	6442DF
RGB	100, 66, 223
RGB Percent	39%, 26%, 87%
CMY	0.6078, 0.7412, 0.1255
CMYK	0.55, 0.70, 0.00, 0.13
HSL	253°, 71%, 57%
HSV	253°, 70%, 87%
XYZ	20.5230, 11.9335, 71.0337
YIQ	94.0640, -30.1330, 56.0350

Conversions

Conversions Part 2

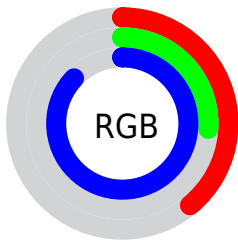
Format	Color
R _{YB}	100, 66, 223
Decimal	6570719
CIE _{Lab}	41.11, 53.80, -74.99
CIE _{LCh}	41, 92.296, 305.656
Yxy	11.9335, 0.1983, 0.1153
Android (android.graphics.Color)	4284760799 (0xFF6442DF)
YUV	94.0640, 63.5654, 5.2059
Hunter-Lab	34.5449, 45.5930, -97.7352

Details

The Android color `4284760799` is a dark color, and the websafe version is hex `6633CC`. The color can be described as dark muted purple. A complement of this color would be `4290633538`, and the grayscale version is `4284308829`.

A 20% lighter version of the original color is `4288771583`, and `4279635878` is the 20% darker color. If you saturate the color by 10%, you get `4283641055`, and if you desaturate by 10%, it is `4285880543`.

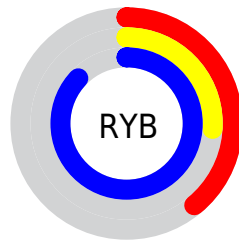
Distribution



Red (39%)

Green (26%)

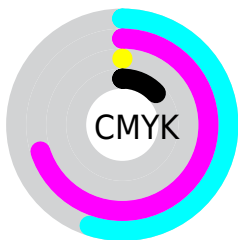
Blue (87%)



Red (39%)

Yellow (26%)

Blue (87%)

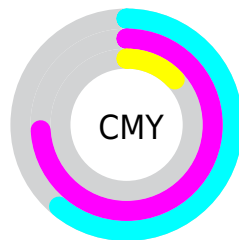


Cyan (55%)

Magenta (70%)

Yellow (0%)

Black (13%)



Cyan (61%)

Magenta (74%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284760799 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 4284760799 by changing the saturation by 10% instead.



4284760799



4284760799

4294967295



4282591682



4288771583



4279635878



4290744319



4278190219



4292782847



4278190193



4294756095



4278190167



4294960127



4278191679



4278190888



4278190354



4278190080

■ 4284760799

■ 4284760799

■ 4283641055

■ 4285880543

■ 4282455519

■ 4287066079

■ 4281336031

■ 4288185823

■ 4289371103

■ 4290491103

■ 4291676383

■ 4292796127

■ 4293981407

■ 4294967263

Harmonies

Analogous

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



4278217212



4284760799



4290838689

Triad

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



4284760799



4289085952



4278222190

Complementary

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



4284760799



4290633538

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.



4278221336



4284760799



4285162240

Square

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



4284760799



4291756040



4278219520



4278222265

Rectangle

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



4284760799



4292345968



4278219520



4278221907

Sweetspot

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



4284760799



4292200959



4282564831



4284964992



4278190080



4286611584

Same Dimension

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



4284760799



4283902463



4289741535



4284966256



4280680624



4278845488

Inverse Universe

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



4292821693



4294912465



4285652802



4285556078



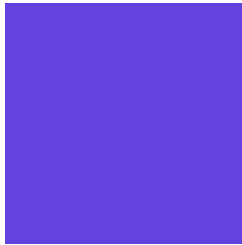
4289724554



4281335846

Previews

White Background



This preview shows how the Android color 4284760799 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 4284760799 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 4284760799 Background



This preview shows how black text looks on a background with the Android color 4284760799.



This preview shows how white text looks on a background with the Android color 4284760799.

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

4284760799

Protanopia

4278214085

Deuteranopia

4278215593

Trichromacy



Original Color

4284760799



Protanomaly

4280570830



Deuteranomaly

4280571837



Tritanomaly

4283128472

Monochromacy



Original Color

4284760799



Achromatopsia

4284374622



Achromatomaly

4284503181

CSS Examples

Text

The CSS property to change the color of the text to Android 4284760799 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(100, 66, 223)` looks like.

```
.text, #text, p{  
    color:rgb(100, 66, 223)  
}
```

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(100, 66, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 66, 223) }
```

Border

The CSS property to change the border of an element to Android 4284760799 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(100, 66, 223) }
```

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

```
.border{ border-color:rgb(100, 66, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 66, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 66, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 66, 223);  
box-shadow:4px 4px 4px 4px rgb(100, 66,  
223) }
```

Background

The CSS property to change the background color of an element to Android 4284760799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 66, 223) }
```

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

```
.background{ background-color: rgb(100, 66,  
223) }
```

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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