

Converting Colors

Android(4284971189)

Have a look what the booklet for
Android(4284971189) contains.

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Color

Android(4284971189)

Conversions

Conversions Part 1

Format	Color
Hex	6778B5
RGB	103, 120, 181
RGB Percent	40%, 47%, 71%
CMY	0.5961, 0.5294, 0.2902
CMYK	0.43, 0.34, 0.00, 0.29
HSL	227°, 35%, 56%
HSV	227°, 43%, 71%
XYZ	20.6505, 19.6527, 46.4210
YIQ	121.8710, -29.7130, 15.3670

Conversions

Conversions Part 2

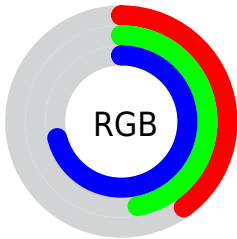
Format	Color
R_{YB}	103, 117, 181
Decimal	6781109
CIE Lab	51.44, 9.89, -34.25
CIE LCh	51, 35.646, 286.101
Yxy	19.6527, 0.2381, 0.2266
Android (android.graphics.Color)	4284971189 (0xFF6778B5)
YUV	121.8710, 29.1506, -16.5499
Hunter-Lab	44.3314, 5.5691, -31.0528

Details

The Android color `4284971189` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4290094183`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4288523501`, and `4281485440` is the 20% darker color. If you saturate the color by 10%, you get `4283787957`, and if you desaturate by 10%, it is `4286154421`.

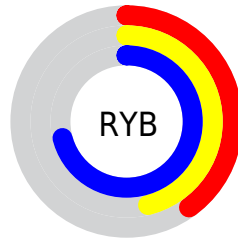
Distribution



Red (40%)

Green (47%)

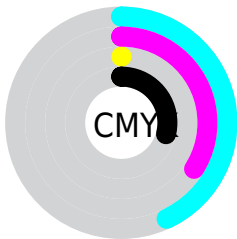
Blue (71%)



Red (40%)

Yellow (46%)

Blue (71%)

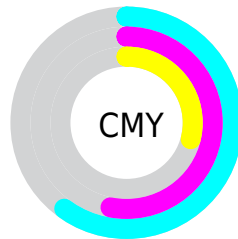


Cyan (43%)

Magenta (34%)

Yellow (0%)

Black (29%)



Cyan (60%)

Magenta (53%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284971189 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 4284971189 by changing the saturation by 10% instead.

■ 4284971189

■ 4284971189

4294967295

■ 4283260826

■ 4288523501

■ 4281485440

■ 4290365439

■ 4279448166

■ 4292207615

■ 4278197582

■ 4294115327

■ 4278190647

■ 4278190625

■ 4278190085

■ 4278190080

■ 4284971189

■ 4284971189

■ 4283787957

■ 4286154421

■ 4282604725

■ 4287337653

■ 4281421493

■ 4288520885

■ 4280238005

■ 4289704373

■ 4279054773

■ 4290953141

■ 4278200245

■ 4292136373

■ 4293319605

■ 4294502837

■ 4294965173

Harmonies

Analogous

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



4280648373



4284971189



4287786149

Triad

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



4284971189



4289620304



4281239915

Complementary

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



4284971189



4290094183

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.



4284187983



4284971189



4288312383

Square

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



4284971189



4290077291



4286414398



4278225546

Rectangle

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



4284971189



4289095316



4286414398



4282353761

Sweetspot

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



4284971189



4291613675



4284986787



4284704629



4294309365



4285887861

Same Dimension

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



4284971189



4285631467



4286343093



4283454041



4278198681



4278191642

Inverse Universe

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



4290078584



4293620107



4288722279



4284043346



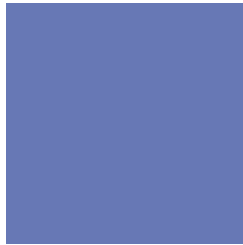
4288217121



4279894022

Previews

White Background



This preview shows how the Android color 4284971189 looks on a white background.

Color Contrast Check

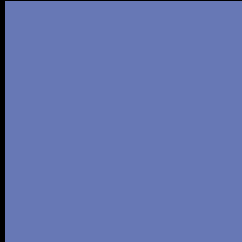
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Android color 4284971189 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 4284971189 Background



This preview shows how black text looks on a background with the Android color 4284971189.



This preview shows how white text looks on a background with the Android color 4284971189.

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
4284971189

Protanopia
4284905653

Deuteranopia
4284578485

Trichromacy



Original Color

4284971189

Protanomaly

4284905653

Deuteranomaly

4284709301

Tritanomaly

4284513690

Monochromacy



Original Color

4284971189

Achromatopsia

4286216826

Achromatomaly

4285757839

CSS Examples

Text

The CSS property to change the color of the text to Android 4284971189 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, 120, 181)` looks like.

```
.text, #text, p{  
    color:rgb(103, 120, 181)  
}
```

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, 120, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 120, 181) }
```

Border

The CSS property to change the border of an element to Android 4284971189 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, 120, 181) }
```

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

```
.border{ border-color:rgb(103, 120, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 120, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 120, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 120, 181);  
box-shadow:4px 4px 4px 4px rgb(103, 120,  
181) }
```

Background

The CSS property to change the background color of an element to Android 4284971189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 120, 181) }
```

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

```
.background{ background-color: rgb(103,  
120, 181) }
```

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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