

Converting Colors

Android(4284312990)

Have a look what the booklet for
Android(4284312990) contains.

Android(4284312990)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4284312990)

Conversions

Conversions Part 1

Format	Color
Hex	5D6D9E
RGB	93, 109, 158
RGB Percent	36%, 43%, 62%
CMY	0.6353, 0.5725, 0.3804
CMYK	0.41, 0.31, 0.00, 0.38
HSL	225°, 26%, 49%
HSV	225°, 41%, 62%
XYZ	16.1544, 15.7331, 34.5331
YIQ	109.8020, -25.2650, 11.8470

Conversions

Conversions Part 2

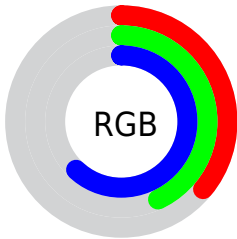
Format	Color
R_{YB}	93, 106, 158
Decimal	6122910
CIE Lab	46.62, 7.04, -28.42
CIE LCh	47, 29.281, 283.909
Yxy	15.7331, 0.2432, 0.2369
Android (android.graphics.Color)	4284312990 (0xFF5D6D9E)
YUV	109.8020, 23.7616, -14.7354
Hunter-Lab	39.6649, 3.2844, -23.8537

Details

The Android color `4284312990` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4288581213`, and the grayscale version is `4285427310`.

A 20% lighter version of the original color is `4287799509`, and `4280958570` is the 20% darker color. If you saturate the color by 10%, you get `4283261342`, and if you desaturate by 10%, it is `4285364638`.

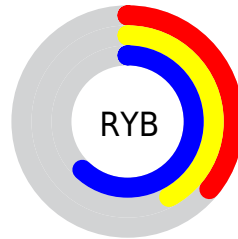
Distribution



Red (36%)

Green (43%)

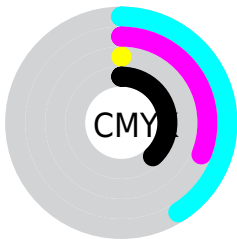
Blue (62%)



Red (36%)

Yellow (42%)

Blue (62%)

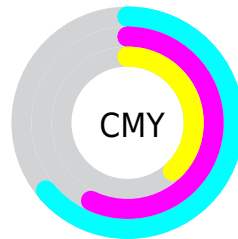


Cyan (41%)

Magenta (31%)

Yellow (0%)

Black (38%)



Cyan (64%)

Magenta (57%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284312990 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 4284312990 by changing the saturation by 10% instead.

■ 4284312990

■ 4284312990

4294967295

■ 4282602884

■ 4287799509

■ 4280958570

■ 4289575921

■ 4279052370

■ 4291418111

■ 4278195259

■ 4293325823

■ 4278190629

■ 4278190349

■ 4278190080

■ 4284312990

■ 4284312990

■ 4283261342

■ 4285364638

■ 4282209694

■ 4286416286

■ 4281223582

■ 4287402398

■ 4280171934

■ 4288454046

■ 4279120286

■ 4289505694

■ 4278200222

■ 4290557086

■ 4291608734

■ 4292594846

■ 4293646494

Harmonies

Analogous

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



4281365917



4284312990



4286604434

Triad

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



4284312990



4288241742



4281891680

Complementary

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



4284312990



4288581213

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.



4283987786



4284312990



4287260735

Square

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



4284312990



4288568164



4285755710



4278680697

Rectangle

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



4284312990



4287651717



4285755710



4282612312

Sweetspot

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



4284312990



4290165967



4284325518



4284112489



4293454056



4285098345

Same Dimension

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



4284312990



4285104847



4285357470



4282861903



4278199183



4278191119

Inverse Universe

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



4288568685



4291783042



4287536733



4283385673



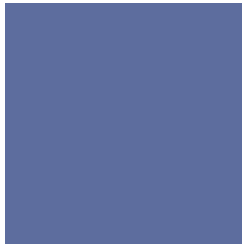
4287561763



4279173124

Previews

White Background



This preview shows how the Android color 4284312990 looks on a white background.

Color Contrast Check

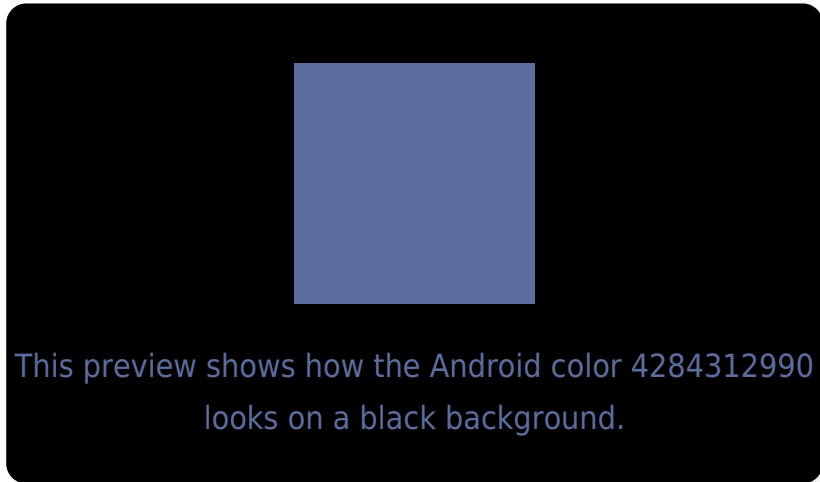
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

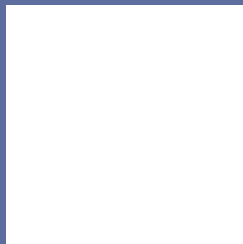
Any Text WCAG AAA × Fail

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

Android 4284312990 Background



This preview shows how black text looks on a background with the Android color 4284312990.

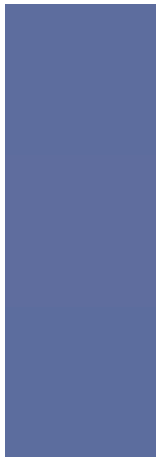


This preview shows how white text looks on a background with the Android color 4284312990.

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

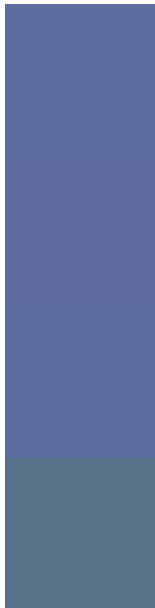


Original Color
4284312990

Protanopia
4284444062

Deuteranopia
4284247454

Trichromacy



Original Color

4284312990

Protanomaly

4284378526

Deuteranomaly

4284247454

Tritanomaly

4283920777

Monochromacy



Original Color

4284312990

Achromatopsia

4285427310

Achromatomaly

4285034111

CSS Examples

Text

The CSS property to change the color of the text to Android 4284312990 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(93, 109, 158)` looks like.

```
.text, #text, p{  
    color:rgb(93, 109, 158)  
}
```

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(93, 109, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 109, 158) }
```

Border

The CSS property to change the border of an element to Android 4284312990 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(93, 109, 158) }
```

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

```
.border{ border-color:rgb(93, 109, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 109, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 109, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 109, 158);  
box-shadow:4px 4px 4px 4px rgb(93, 109,  
158) }
```

Background

The CSS property to change the background color of an element to Android 4284312990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 109, 158) }
```

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

```
.background{ background-color: rgb(93, 109,  
158) }
```

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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