

Converting Colors

Android(4284301966)

Have a look what the booklet for
Android(4284301966) contains.

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Color

Android(4284301966)

Conversions

Conversions Part 1

Format	Color
Hex	5D428E
RGB	93, 66, 142
RGB Percent	36%, 26%, 56%
CMY	0.6353, 0.7412, 0.4431
CMYK	0.35, 0.54, 0.00, 0.44
HSL	261°, 37%, 41%
HSV	261°, 54%, 56%
XYZ	11.3449, 8.1766, 26.5715
YIQ	82.7370, -8.3040, 29.3600

Conversions

Conversions Part 2

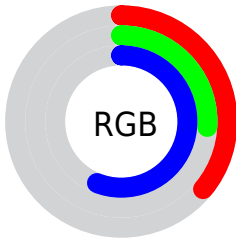
Format	Color
R_{YB}	93, 66, 142
Decimal	6111886
CIE _{Lab}	34.35, 29.17, -38.18
CIE _{LCh}	34, 48.042, 307.379
Yxy	8.1766, 0.2461, 0.1774
Android (android.graphics.Color)	4284301966 (0xFF5D428E)
YUV	82.7370, 29.2167, 9.0007
Hunter-Lab	28.5947, 20.7788, -35.0786

Details

The Android color **4284301966** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4285763138**, and the grayscale version is **4283585106**.

A 20% lighter version of the original color is **4287787972**, and **4280948059** is the 20% darker color. If you saturate the color by 10%, you get **4283708558**, and if you desaturate by 10%, it is **4284895374**.

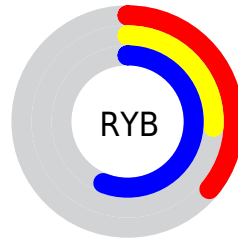
Distribution



Red (36%)

Green (26%)

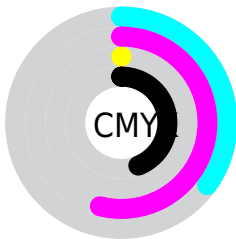
Blue (56%)



Red (36%)

Yellow (26%)

Blue (56%)

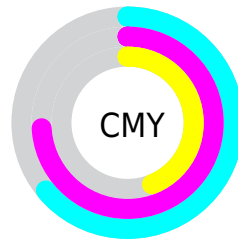


Cyan (35%)

Magenta (54%)

Yellow (0%)

Black (44%)



Cyan (64%)

Magenta (74%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284301966 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 4284301966 by changing the saturation by 10% instead.

■ 4284301966

■ 4284301966

4294967295

■ 4282592116

■ 4287787972

■ 4280948059

■ 4289564128

■ 4279238723

■ 4291405821

■ 4278190124

■ 4293313279

■ 4278190358

■ 4294959103

■ 4278190080

■ 4294966271

■ 4284301966

■ 4284301966

■ 4283708558

■ 4284895374

■ 4283115150

■ 4285488782

■ 4282521486

■ 4286082446

■ 4281862542

■ 4286741390

■ 4281467022

■ 4287334798

■ 4287928206

■ 4288521614

■ 4289115278

■ 4289708686

Harmonies

Analogous

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



4278211229



4284301966



4286918511

Triad

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



4284301966



4286137344



4278215257

Complementary

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



4284301966



4285763138

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.



4278214706



4284301966



4284109312

Square

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



4284301966



4287509028



4281359113



4278215038

Rectangle

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



4284301966



4287702870



4281359113



4278215244

Sweetspot

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



4284301966



4289043128



4282545038



4283517532



4292598747



4284243036

Same Dimension

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



4284301966



4285285048



4286792334



4282597447



4281335943



4278386696

Inverse Universe

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



4287513203



4290265742



4283272770



4282859589



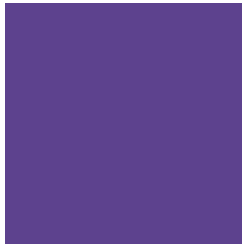
4287037527



4278714373

Previews

White Background



This preview shows how the Android color 4284301966 looks on a white background.

Color Contrast Check

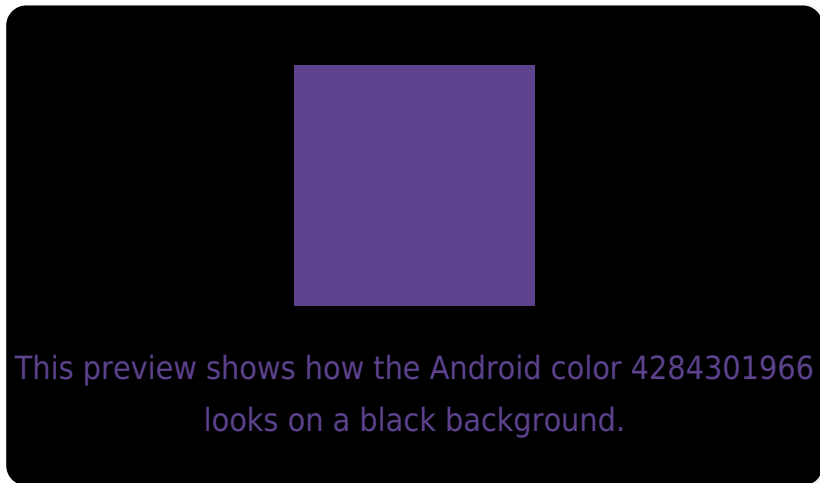
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4284301966 Background



This preview shows how black text looks on a background with the Android color 4284301966.



This preview shows how white text looks on a background with the Android color 4284301966.

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

4284301966

Protanopia

4280700571

Deuteranopia

4280701579

Trichromacy



Original Color
4284301966

Protanomaly
4282010262

Deuteranomaly
4282010764

Tritanomaly
4283845482

Monochromacy



Original Color
4284301966

Achromatopsia
4283650899

Achromatomaly
4283911528

CSS Examples

Text

The CSS property to change the color of the text to Android 4284301966 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, 66, 142)` looks like.

```
.text, #text, p{  
    color:rgb(93, 66, 142)  
}
```

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, 66, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 66, 142) }
```

Border

The CSS property to change the border of an element to Android 4284301966 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, 66, 142) }
```

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

```
.border{ border-color:rgb(93, 66, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 66, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 66, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 66, 142);  
box-shadow:4px 4px 4px 4px rgb(93, 66,  
142) }
```

Background

The CSS property to change the background color of an element to Android 4284301966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 66, 142) }
```

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

```
.background{ background-color: rgb(93, 66,  
142) }
```

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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