

Converting Colors

Android(4284044196)

Have a look what the booklet for
Android(4284044196) contains.

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Color

Android(4284044196)

Conversions

Conversions Part 1

Format	Color
Hex	5953A4
RGB	89, 83, 164
RGB Percent	35%, 33%, 64%
CMY	0.6510, 0.6745, 0.3569
CMYK	0.46, 0.49, 0.00, 0.36
HSL	244°, 33%, 48%
HSV	244°, 49%, 64%
XYZ	13.9139, 10.9907, 36.5100
YIQ	94.0280, -22.4250, 26.4630

Conversions

Conversions Part 2

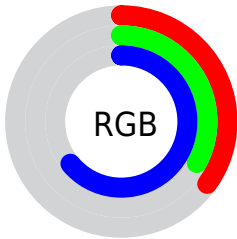
Format	Color
R_{YB}	89, 83, 164
Decimal	5854116
CIE _{Lab}	39.56, 24.01, -43.15
CIE _{LCh}	40, 49.377, 299.098
Yxy	10.9907, 0.2266, 0.1790
Android (android.graphics.Color)	4284044196 (0xFF5953A4)
YUV	94.0280, 34.4962, -4.4096
Hunter-Lab	33.1522, 16.8997, -42.0886

Details

The Android color `4284044196` is a dark color, and the websafe version is hex `6666CC`. A complement of this color would be `4288586835`, and the grayscale version is `4284374622`.

A 20% lighter version of the original color is `4287595996`, and `4280428143` is the 20% darker color. If you saturate the color by 10%, you get `4283057060`, and if you desaturate by 10%, it is `4285031332`.

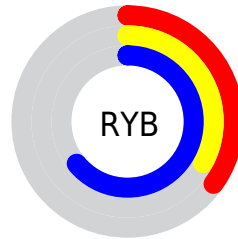
Distribution



Red (35%)

Green (33%)

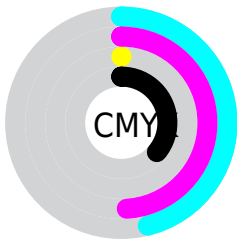
Blue (64%)



Red (35%)

Yellow (33%)

Blue (64%)

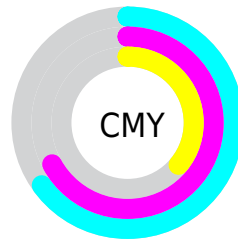


Cyan (46%)

Magenta (49%)

Yellow (0%)

Black (36%)



Cyan (65%)

Magenta (67%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284044196 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 4284044196 by changing the saturation by 10% instead.

■ 4284044196

■ 4284044196

4294967295

■ 4282268809

■ 4287595996

■ 4280428143

■ 4289437688

■ 4278194775

■ 4291279615

■ 4278190143

■ 4293187071

■ 4278190888

■ 4294963967

■ 4278190354

■ 4278190080

■ 4284044196

■ 4284044196

■ 4283057060

■ 4285031332

■ 4282069668

■ 4286018724

■ 4281016996

■ 4287071396

■ 4280029604

■ 4288058788

■ 4279042468

■ 4289045924

■ 4278976676

■ 4290033060

■ 4291020452

■ 4292007588

■ 4293060516

Harmonies

Analogous

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



4278215342



4284044196



4287381639

Triad

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



4284044196



4287646485



4278218587

Complementary

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



4284044196



4288586835

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.



4278218033



4284044196



4285618944

Square

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



4284044196



4288821817



4283065865



4278218627

Rectangle

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



4284044196



4288558702



4283065865



4278218573

Sweetspot

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



4284044196



4290295510



4283670436



4284045419



4293651435



4285229931

Same Dimension

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



4284044196



4284569814



4286665636



4283058514



4278911121



4278255634

Inverse Universe

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



4288959390



4292237517



4285965395



4283582801



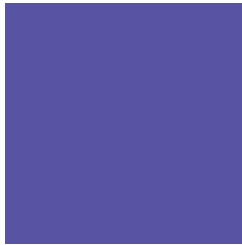
4287692935



4279369745

Previews

White Background



This preview shows how the Android color 4284044196 looks on a white background.

Color Contrast Check

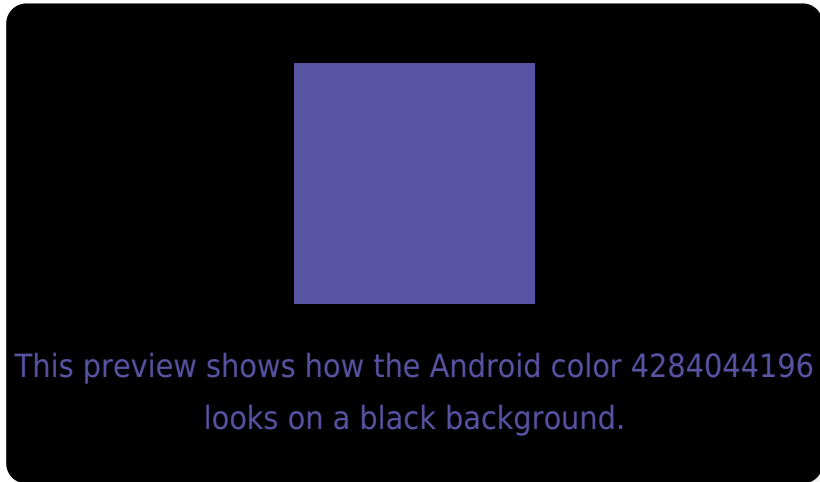
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284044196 Background



This preview shows how black text looks on a background with the Android color 4284044196.



This preview shows how white text looks on a background with the Android color 4284044196.

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

4284044196

Protanopia

4281621163

Deuteranopia

4280770209

Trichromacy



Original Color
4284044196

Protanomaly
4282472360

Deuteranomaly
4281948834

Tritanomaly
4283391102

Monochromacy



Original Color
4284044196

Achromatopsia
4284374622

Achromatomaly
4284242551

CSS Examples

Text

The CSS property to change the color of the text to Android 4284044196 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(89, 83, 164)` looks like.

```
.text, #text, p{  
    color:rgb(89, 83, 164)  
}
```

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(89, 83, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 83, 164) }
```

Border

The CSS property to change the border of an element to Android 4284044196 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(89, 83, 164) }
```

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

```
.border{ border-color:rgb(89, 83, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 83, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 83, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 83, 164);  
box-shadow:4px 4px 4px 4px rgb(89, 83,  
164) }
```

Background

The CSS property to change the background color of an element to Android 4284044196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 83, 164) }
```

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

```
.background{ background-color: rgb(89, 83,  
164) }
```

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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