

Converting Colors

Android(4284366244)

Have a look what the booklet for
Android(4284366244) contains.

Android(4284366244)	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(4284366244)

Conversions

Conversions Part 1

Format	Color
Hex	5E3DA4
RGB	94, 61, 164
RGB Percent	37%, 24%, 64%
CMY	0.6314, 0.7608, 0.3569
CMYK	0.43, 0.63, 0.00, 0.36
HSL	259°, 46%, 44%
HSV	259°, 63%, 64%
XYZ	12.9857, 8.3975, 36.0584
YIQ	82.6090, -13.3950, 39.0290

Conversions

Conversions Part 2

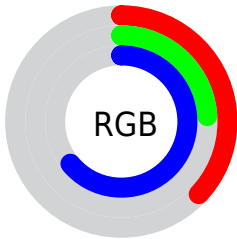
Format	Color
RYB	94, 61, 164
Decimal	6176164
CIELab	34.80, 38.57, -50.79
CIElCh	35, 63.772, 307.211
Yxy	8.3975, 0.2261, 0.1462
Android (android.graphics.Color)	4284366244 (0xFF5E3DA4)
YUV	82.6090, 40.1258, 9.9899
Hunter-Lab	28.9785, 29.2762, -53.4907

Details

The Android color `4284366244` is a dark color, and the websafe version is hex `663399`. A complement of this color would be `4286817341`, and the grayscale version is `4283585106`.

A 20% lighter version of the original color is `4287983324`, and `4280684143` is the 20% darker color. If you saturate the color by 10%, you get `4283641252`, and if you desaturate by 10%, it is `4285091236`.

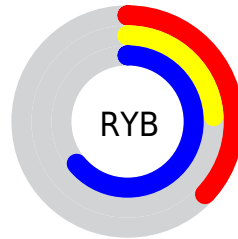
Distribution



Red (37%)

Green (24%)

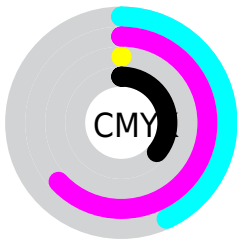
Blue (64%)



Red (37%)

Yellow (24%)

Blue (64%)

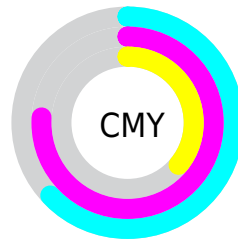


Cyan (43%)

Magenta (63%)

Yellow (0%)

Black (36%)



Cyan (63%)

Magenta (76%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284366244 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 4284366244 by changing the saturation by 10% instead.



4284366244



4284366244

4294967295



4282590857



4287983324



4280684143



4289825017



4278190166



4291732479



4278190142



4293639935



4278190887



4294957823



4278190353



4294965247



4278190080



4284366244



4284366244



4283641252



4285091236

■ 4282916004

■ 4285816484

■ 4282191012

■ 4286541476

■ 4281663652

■ 4287332260

■ 4288057252

■ 4288782244

■ 4289507492

■ 4290232484

■ 4290957732

Harmonies

Analogous

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



4278212024



4284366244



4288025978

Triad

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



4284366244



4286791680



4278216541

Complementary

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



4284366244



4286817341

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.



4278215719



4284366244



4284109824

Square

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



4284366244



4288618262



4280114944



4278216335

Rectangle

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



4284366244



4289003609



4280114944



4278216267

Sweetspot

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



4284366244



4290490070



4282221476



4284109419



4293651435



4285229931

Same Dimension

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



4284366244



4285085398



4287708580



4283189586



4281270417



4278583314

Inverse Universe

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



4288953731



4292228771



4283475005



4283582799



4287692899



4279369740

Previews

White Background



This preview shows how the Android color 4284366244 looks on a white background.

Color Contrast Check

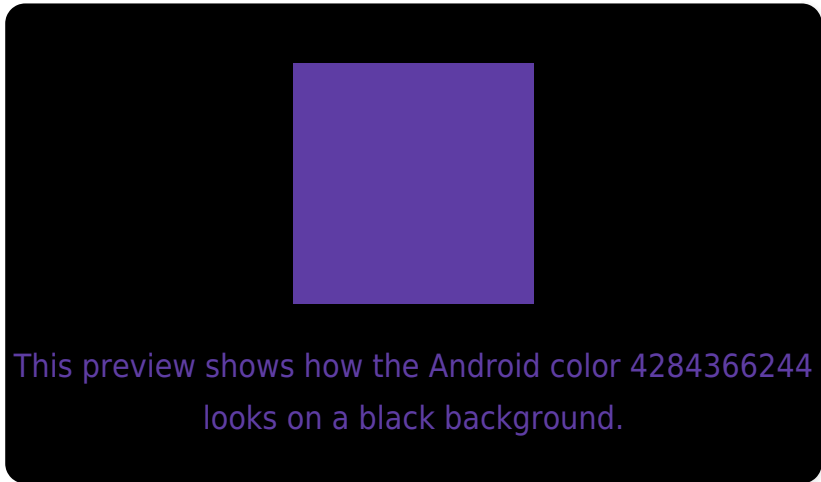
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284366244 Background



This preview shows how black text looks on a background with the Android color 4284366244.



This preview shows how white text looks on a background with the Android color 4284366244.

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


4284366244

Protanopia

4278210472

Deuteranopia

4278211730



Tritanopia
4283192153

Trichromacy



Original Color
4284366244

Protanomaly
4280436903

Deuteranomaly
4280437913

Tritanomaly
4283648884

Monochromacy



Original Color
4284366244

Achromatopsia
4283650899

Achromatomaly
4283911024

CSS Examples

Text

The CSS property to change the color of the text to Android 4284366244 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(94, 61, 164)` looks like.

```
.text, #text, p{  
    color:rgb(94, 61, 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(94, 61, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 61, 164) }
```

Border

The CSS property to change the border of an element to Android 4284366244 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(94, 61, 164) }
```

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

```
.border{ border-color:rgb(94, 61, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 61, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 61, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 61, 164);  
box-shadow:4px 4px 4px 4px rgb(94, 61,  
164) }
```

Background

The CSS property to change the background color of an element to Android 4284366244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 61, 164) }
```

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

```
.background{ background-color: rgb(94, 61,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor