

Converting Colors

Android(4284358110)

Have a look what the booklet for
Android(4284358110) contains.

Android(4284358110)	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(4284358110)

Conversions

Conversions Part 1

Format	Color
Hex	5E1DDE
RGB	94, 29, 222
RGB Percent	37%, 11%, 87%
CMY	0.6314, 0.8863, 0.1294
CMYK	0.58, 0.87, 0.00, 0.13
HSL	260°, 77%, 49%
HSV	260°, 87%, 87%
XYZ	18.2403, 8.5323, 69.7928
YIQ	70.4370, -23.2130, 73.8030

Conversions

Conversions Part 2

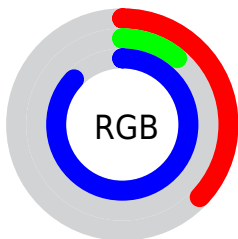
Format	Color
R_{YB}	94, 29, 222
Decimal	6168030
CIE Lab	35.07, 68.28, -84.40
CIE LCh	35, 108.560, 308.976
Yxy	8.5323, 0.1889, 0.0884
Android (android.graphics.Color)	4284358110 (0xFF5E1DDE)
YUV	70.4370, 74.7206, 20.6648
Hunter-Lab	29.2102, 60.3464, -121.2163

Details

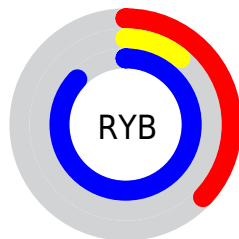
The Android color `4284358110` is a dark color, and the websafe version is hex `6600CC`. The color can be described as dark washed blue. A complement of this color would be `4288536093`, and the grayscale version is `4282795590`.

A 20% lighter version of the original color is `4288567039`, and `4278190245` is the 20% darker color. If you saturate the color by 10%, you get `4283369438`, and if you desaturate by 10%, it is `4285346782`.

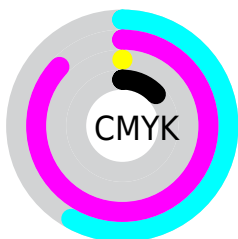
Distribution



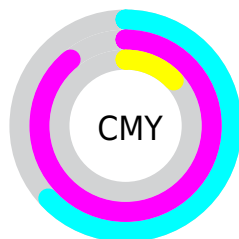
- Red (37%)
- Green (11%)
- Blue (87%)



- Red (37%)
- Yellow (11%)
- Blue (87%)



- Cyan (58%)
- Magenta (87%)
- Yellow (0%)
- Black (13%)



- Cyan (63%)
- Magenta (89%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Android color 4284358110 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 4284358110 by changing the saturation by 10% instead.

 4284358110

 4284358110

4294967295

 4281991361

 4288567039

 4278190245

 4290605823

 4278190218

 4292644351

 4278190191

 4294683135

 4278192470

 4294952447

 4278191677

 4294959871

 4278190887

 4278190352

 4278190080

■ 4284358110

■ 4284358110

■ 4283369438

■ 4285346782

■ 4283105502

■ 4286269918

■ 4287258846

■ 4288247518

■ 4289236190

■ 4290159326

■ 4291147998

■ 4292136926

■ 4293125598

Harmonies

Analogous

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



4278213631



4284358110



4290969747

Triad

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



4284358110



4287902208



4278218348

Complementary

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



4284358110



4288536093

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.



4278217473



4284358110



4283324416

Square

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



4284358110



4291166208



4278216448



4278218945

Rectangle

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



4284358110



4292411482



4278216448



4278218061

Sweetspot

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



4284358110



4292066815



4280131294



4284831872



4278190080



4286611584

Same Dimension

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



4284358110



4283826431



4290649566



4285097328



4282056880



4279238704

Inverse Universe

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



4292746653



4294901929



4282244637



4285556076



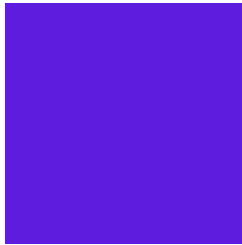
4289724533



4281335840

Previews

White Background



This preview shows how the Android color 4284358110 looks on a white background.

Color Contrast Check

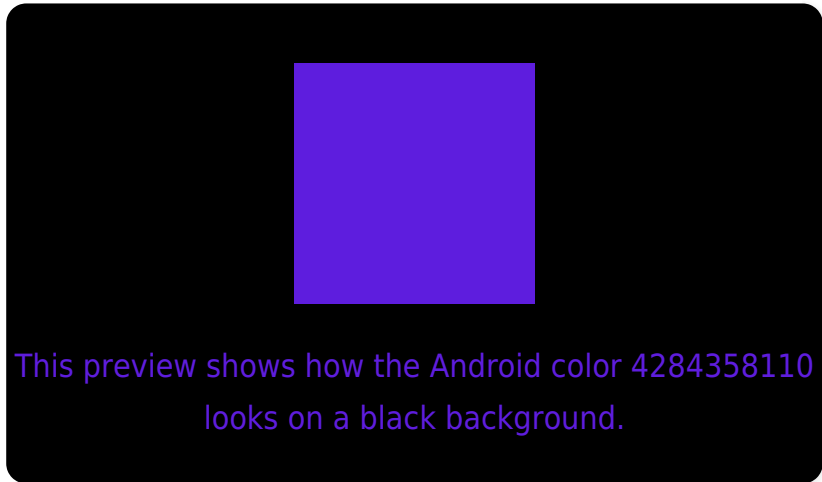
Large Text (above 18pt) WCAG AA ✓ Pass

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

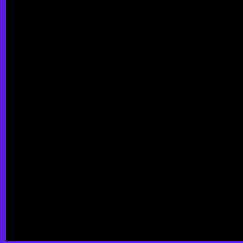
Any Text WCAG AA × Fail

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 4284358110 Background



This preview shows how black text looks on a background with the Android color 4284358110.



This preview shows how white text looks on a background with the Android color 4284358110.

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
4284358110

Protanopia
4278210728

Deuteranopia
4278211983

Trichromacy



Original Color

4284358110



Protanomaly

4280434108



Deuteranomaly

4280435116



Tritanomaly

4282270606

Monochromacy



Original Color

4284358110



Achromatopsia

4282795590



Achromatomaly

4283381629

CSS Examples

Text

The CSS property to change the color of the text to Android 4284358110 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, 29, 222)` looks like.

```
.text, #text, p{  
    color:rgb(94, 29, 222)  
}
```

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, 29, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 29, 222) }
```

Border

The CSS property to change the border of an element to Android 4284358110 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, 29, 222) }
```

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

```
.border{ border-color:rgb(94, 29, 222) }
```

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

Here you see how a box with a 4 pixel rgb(94, 29, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 29, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 29, 222);  
box-shadow:4px 4px 4px 4px rgb(94, 29,  
222) }
```

Background

The CSS property to change the background color of an element to Android 4284358110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 29, 222) }
```

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

```
.background{ background-color: rgb(94, 29,  
222) }
```

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