

Converting Colors

Android(4284157696)

Have a look what the booklet for
Android(4284157696) contains.

Android(4284157696)	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(4284157696)

Conversions

Conversions Part 1

Format	Color
Hex	5B0F00
RGB	91, 15, 0
RGB Percent	36%, 6%, 0%
CMY	0.6431, 0.9412, 1.0000
CMYK	0.00, 0.84, 1.00, 0.64
HSL	10°, 100%, 18%
HSV	10°, 100%, 36%
XYZ	4.4852, 2.5658, 0.2589
YIQ	36.0140, 50.1110, 11.4470

Conversions

Conversions Part 2

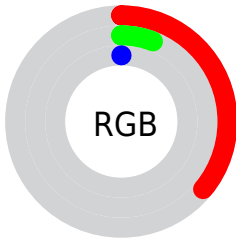
Format	Color
RYB	91, 18, 0
Decimal	5967616
CIELab	18.21, 33.21, 27.70
CIELCh	18, 43.247, 39.830
Yxy	2.5658, 0.6136, 0.3510
Android (android.graphics.Color)	4284157696 (0xFF5B0F00)
YUV	36.0140, -17.7549, 48.2227
Hunter-Lab	16.0181, 21.9499, 10.2545

Details

The Android color **4284157696** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **4278209627**, and the grayscale version is **4280558628**.

A 20% lighter version of the original color is **4287840559**, and **4280745985** is the 20% darker color. If you saturate the color by 10%, you get **4284157696**, and if you desaturate by 10%, it is **4284159753**.

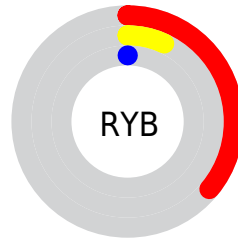
Distribution



Red (36%)

Green (6%)

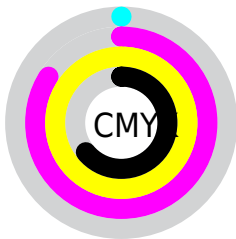
Blue (0%)



Red (36%)

Yellow (7%)

Blue (0%)

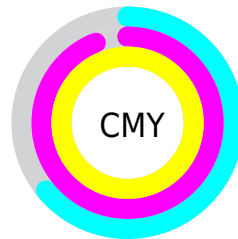


Cyan (0%)

Magenta (84%)

Yellow (100%)

Black (64%)



Cyan (64%)

Magenta (94%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284157696 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 4284157696 by changing the saturation by 10% instead.

 4284157696

 4284157696

 4294966754

 4282318848

 4287840559

 4280745985

 4289747525

 4278190080

 4291720029

 4293627510

 4294945168

 4294952107

 4294959302

 4284157696

■ 4284159753

■ 4284161554

■ 4284163611

■ 4284165412

■ 4284167470

■ 4284169527

■ 4284171328

■ 4284173385

■ 4284175186

Harmonies

Analogous

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



4284547108



4284157696



4282983168

Triad

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



4284157696



4278204437



4278201707

Complementary

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



4284157696



4278209627

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.



4278204008



4284157696



4278204726

Square

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



4284157696



4278859008



4278204756



4281867869

Rectangle

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



4284157696



4281871104



4278204756



4278202732

Sweetspot

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



4284157696



4285880402



4284153933



4282067238



4290427578



4282071867

Same Dimension

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



4284157696



4285862656



4284168960



4281215529



4285403648



4293732096

Inverse Universe

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



4278209627



4278215285



4278198363



4280888622



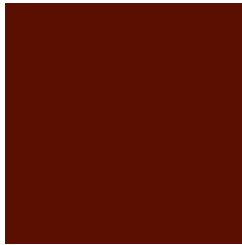
4278213742



4278241005

Previews

White Background



This preview shows how the Android color 4284157696 looks on a white background.

Color Contrast Check

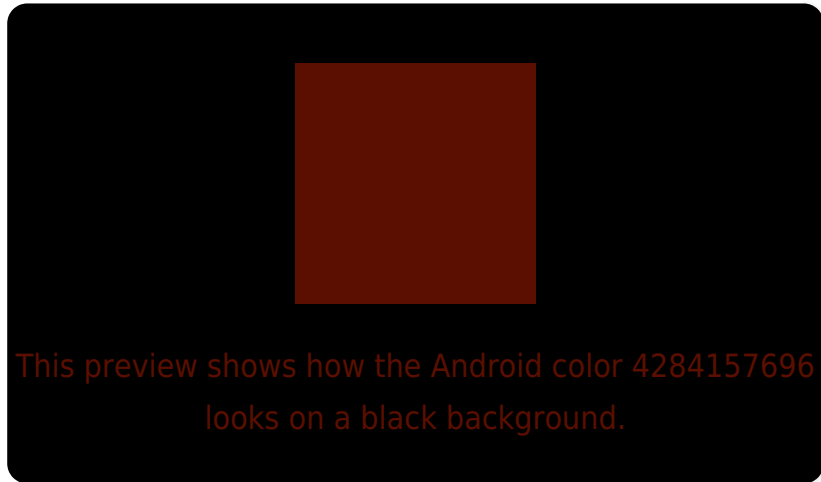
Large Text (above 18pt) WCAG AA ✓ Pass

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

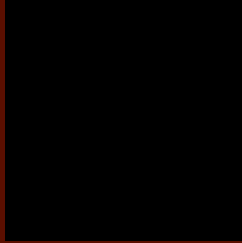
Any Text WCAG AA × Fail

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 4284157696 Background



This preview shows how black text looks on a background with the Android color 4284157696.

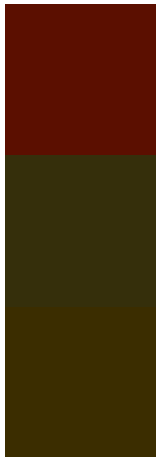


This preview shows how white text looks on a background with the Android color 4284157696.

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
4284157696

Protanopia
4281675531

Deuteranopia
4282068224

Trichromacy



Original Color

4284157696

Protanomaly

4282589959

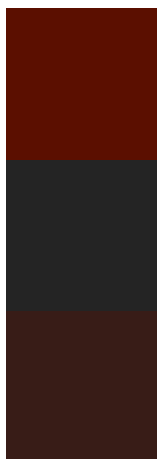
Deuteranomaly

4282851840

Tritanomaly

4284157448

Monochromacy



Original Color

4284157696

Achromatopsia

4280558628

Achromatomaly

4281867287

CSS Examples

Text

The CSS property to change the color of the text to Android 4284157696 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(91, 15, 0)` looks like.

```
.text, #text, p{  
    color:rgb(91, 15, 0)  
}
```

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(91, 15, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 15, 0) }
```

Border

The CSS property to change the border of an element to Android 4284157696 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(91, 15, 0) }
```

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

```
.border{ border-color:rgb(91, 15, 0) }
```

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

Here you see how a box with a 4 pixel rgb(91, 15, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 15, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(91, 15, 0); box-shadow:4px  
4px 4px 4px rgb(91, 15, 0) }
```

Background

The CSS property to change the background color of an element to Android 4284157696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 15, 0) }
```

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

```
.background{ background-color: rgb(91, 15,  
0) }
```

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