

Converting Colors

Android(4284766223)

Have a look what the booklet for
Android(4284766223) contains.

Android(4284766223)	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(4284766223)

Conversions

Conversions Part 1

Format	Color
Hex	64580F
RGB	100, 88, 15
RGB Percent	39%, 35%, 6%
CMY	0.6078, 0.6549, 0.9412
CMYK	0.00, 0.12, 0.85, 0.61
HSL	52°, 74%, 23%
HSV	52°, 85%, 39%
XYZ	8.8315, 9.7233, 1.8632
YIQ	83.2660, 30.5850, -20.1590

Conversions

Conversions Part 2

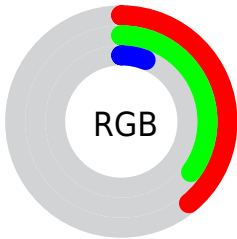
Format	Color
R_{YB}	29, 100, 15
Decimal	6576143
CIE Lab	37.34, -3.45, 40.43
CIE LCh	37, 40.576, 94.882
Yxy	9.7233, 0.4325, 0.4762
Android (android.graphics.Color)	4284766223 (0xFF64580F)
YUV	83.2660, -33.6551, 14.6757
Hunter-Lab	31.1821, -4.0136, 18.2847

Details

The Android color **4284766223** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4279180132**, and the grayscale version is **4283716692**.

A 20% lighter version of the original color is **4288318017**, and **4281477888** is the 20% darker color. If you saturate the color by 10%, you get **4284765957**, and if you desaturate by 10%, it is **4284766489**.

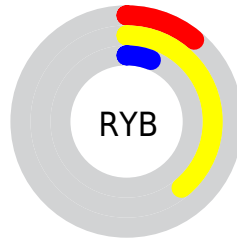
Distribution



Red (39%)

Green (35%)

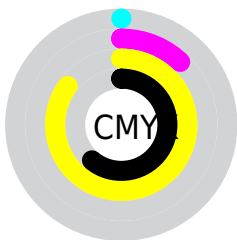
Blue (6%)



Red (11%)

Yellow (39%)

Blue (6%)

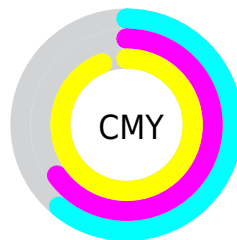


Cyan (0%)

Magenta (12%)

Yellow (85%)

Black (61%)



Cyan (61%)

Magenta (65%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284766223 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 4284766223 by changing the saturation by 10% instead.



4284766223



4284766223

4294967293



4283056384



4288318017



4281477888



4290094170



4279834368



4292001651



4278190080



4293909389



4294965160



4294967236



4294967264



4284766223



4284766223

■ 4284765957

■ 4284766489

■ 4284765696

■ 4284767011

■ 4284767277

■ 4284767799

■ 4284768065

■ 4284768331

■ 4284768853

■ 4284769119

■ 4284769641

Harmonies

Analogous

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



4286532635



4284766223



4282540318

Triad

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



4284766223



4278216572



4286857076

Complementary

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



4284766223



4279180132

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.



4284501390



4284766223



4278215571

Square

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



4284766223



4278216796



4279392921



4287838548

Rectangle

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



4284766223



4280443952



4279392921



4286202750

Sweetspot

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



4284766223



4286741856



4284747548



4282531630



4290953922



4282532418

Same Dimension

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



4284766223



4286738432



4282803215



4281545262



4285752064



4294103040

Inverse Universe

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



4279180132



4278194818



4281143140



4281216819



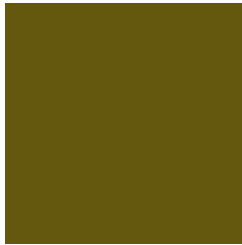
4278194291



4278199026

Previews

White Background



This preview shows how the Android color 4284766223 looks on a white background.

Color Contrast Check

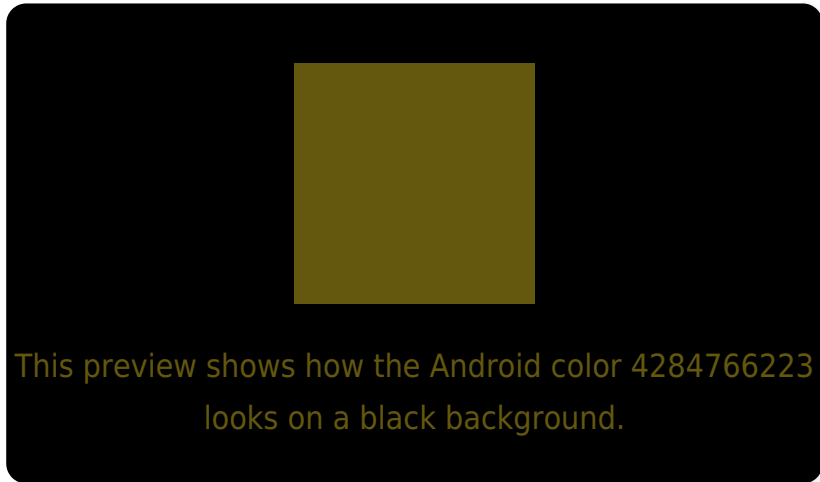
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284766223 Background



This preview shows how black text looks on a background with the Android color 4284766223.



This preview shows how white text looks on a background with the Android color 4284766223.

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
4284766223

Protanopia
4284700687

Deuteranopia
4285486098

Trichromacy



Original Color

4284766223

Protanomaly

4284700687

Deuteranomaly

4285224209

Tritanomaly

4284961853

Monochromacy



Original Color

4284766223

Achromatopsia

4283650899

Achromatomaly

4284044602

CSS Examples

Text

The CSS property to change the color of the text to Android 4284766223 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(100, 88, 15)` looks like.

```
.text, #text, p{  
    color:rgb(100, 88, 15)  
}
```

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(100, 88, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 88, 15) }
```

Border

The CSS property to change the border of an element to Android 4284766223 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(100, 88, 15) }
```

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

```
.border{ border-color:rgb(100, 88, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 88, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 88, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 88, 15);  
box-shadow:4px 4px 4px 4px rgb(100, 88,  
15) }
```

Background

The CSS property to change the background color of an element to Android 4284766223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 88, 15) }
```

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

```
.background{ background-color: rgb(100, 88,  
15) }
```

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