

Converting Colors

Android(4284301602)

Have a look what the booklet for
Android(4284301602) contains.

Android(4284301602)	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(4284301602)

Conversions

Conversions Part 1

Format	Color
Hex	5D4122
RGB	93, 65, 34
RGB Percent	36%, 25%, 13%
CMY	0.6353, 0.7451, 0.8667
CMYK	0.00, 0.30, 0.63, 0.64
HSL	32°, 46%, 25%
HSV	32°, 63%, 36%
XYZ	6.6932, 6.2232, 2.3618
YIQ	69.8380, 26.6390, -3.7050

Conversions

Conversions Part 2

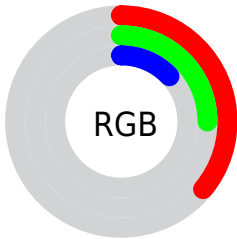
Format	Color
R_{YB}	87, 93, 34
Decimal	6111522
CIE _{Lab}	29.97, 8.33, 23.48
CIE _{LCh}	30, 24.915, 70.457
Yxy	6.2232, 0.4381, 0.4073
Android (android.graphics.Color)	4284301602 (0xFF5D4122)
YUV	69.8380, -17.6681, 20.3131
Hunter-Lab	24.9464, 4.2360, 11.8492

Details

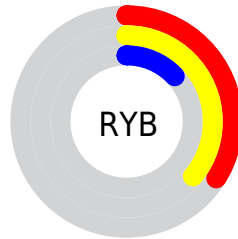
The Android color **4284301602** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **4280434269**, and the grayscale version is **4282795590**.

A 20% lighter version of the original color is **4287721807**, and **4281079296** is the 20% darker color. If you saturate the color by 10%, you get **4284300569**, and if you desaturate by 10%, it is **4284302635**.

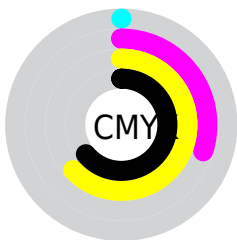
Distribution



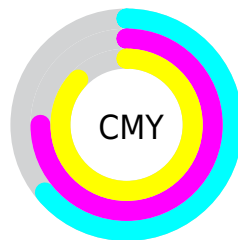
- Red (36%)
- Green (25%)
- Blue (13%)



- Red (34%)
- Yellow (36%)
- Blue (13%)



- Cyan (0%)
- Magenta (30%)
- Yellow (63%)
- Black (64%)



- Cyan (64%)
- Magenta (75%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284301602 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 4284301602 by changing the saturation by 10% instead.



4284301602



4284301602

4294967295



4282657549



4287721807



4281079296



4289563240



4279435264



4291405185



4278190080



4293247131



4294958006



4294965458



4294967278



4284301602



4284301602

■ 4284300569

■ 4284302635

■ 4284299279

■ 4284303925

■ 4284298246

■ 4284304958

■ 4284297472

■ 4284306247

■ 4284307281

■ 4284308314

■ 4284309603

■ 4284310636

■ 4284311926

Harmonies

Analogous

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



4285020718



4284301602



4283189279

Triad

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



4284301602



4278210893



4283514724

Complementary

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



4284301602



4280434269

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.



4281550445



4284301602



4278210655

Square

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



4284301602



4280045625



4278209643



4284758356

Rectangle

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



4284301602



4282272548



4278209643



4282925416

Sweetspot

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



4284301602



4286082401



4284293695



4282201903



4290624957



4282203453

Same Dimension

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



4284301602



4286074141



4284243234



4281216041



4285413888



4293754112

Inverse Universe

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



4280434269



4280109176



4280492637



4280888110



4278203502



4278219245

Previews

White Background



This preview shows how the Android color 4284301602 looks on a white background.

Color Contrast Check

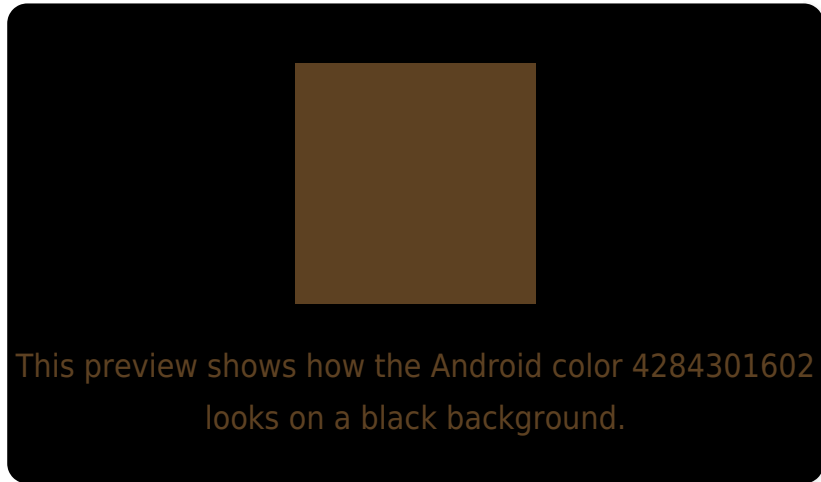
Large Text (above 18pt) WCAG AA ✓ Pass

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

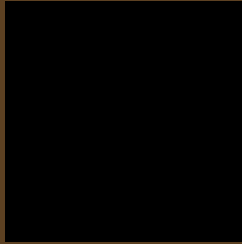
Any Text WCAG AA × Fail

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 4284301602 Background



This preview shows how black text looks on a background with the Android color 4284301602.



This preview shows how white text looks on a background with the Android color 4284301602.

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

[4284301602](#)

Protanopia

[4283320100](#)

Deuteranopia

[4283974689](#)

Trichromacy



Original Color
4284301602

Protanomaly
4283647267

Deuteranomaly
4284105505

Tritanomaly
4284366390

Monochromacy



Original Color
4284301602

Achromatopsia
4282795590

Achromatomaly
4283319353

CSS Examples

Text

The CSS property to change the color of the text to Android 4284301602 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(93, 65, 34) looks like.

```
.text, #text, p{  
    color:rgb(93, 65, 34)  
}
```

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(93, 65, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 65, 34) }
```

Border

The CSS property to change the border of an element to Android 4284301602 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(93, 65, 34) }
```

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

```
.border{ border-color:rgb(93, 65, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 65, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 65, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 65, 34);  
box-shadow:4px 4px 4px 4px rgb(93, 65, 34)  
}
```

Background

The CSS property to change the background color of an element to Android 4284301602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 65, 34) }
```

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

```
.background{ background-color: rgb(93, 65,  
34) }
```

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