

Converting Colors

Android(4291953445)

Have a look what the booklet for
Android(4291953445) contains.

| | |
|--|----|
| Android(4291953445) | 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(4291953445)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D20325 |
| RGB | 210, 3, 37 |
| RGB Percent | 82%, 1%, 15% |
| CMY | 0.1765, 0.9882, 0.8549 |
| CMYK | 0.00, 0.99, 0.82, 0.18 |
| HSL | 350°, 97%, 42% |
| HSV | 350°, 99%, 82% |
| XYZ | 26.9448, 13.9003, 3.0131 |
| YIQ | 68.7690, 112.4580, 54.4580 |

Conversions

Conversions Part 2

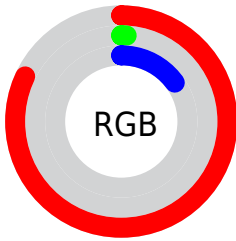
| Format | Color |
|-------------------------------------|---|
| RYB | 210, 3, 37 |
| Decimal | 13763365 |
| CIELab | 44.09, 69.45, 43.11 |
| CIElCh | 44, 81.744, 31.827 |
| Yxy | 13.9003, 0.6144, 0.3169 |
| Android (android.graphics.Color) | 4291953445 (0xFFD20325) |
| YUV | 68.7690, -15.6621, 123.8596 |
| Hunter-Lab | 37.2832, 63.7579, 21.3065 |

Details

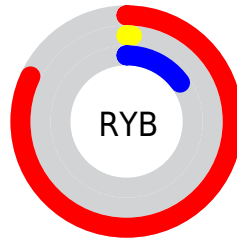
The Android color **4291953445** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **4278440624**, and the grayscale version is **4282729797**.

A 20% lighter version of the original color is **4294924371**, and **4287758336** is the 20% darker color. If you saturate the color by 10%, you get **4291952674**, and if you desaturate by 10%, it is **4291958839**.

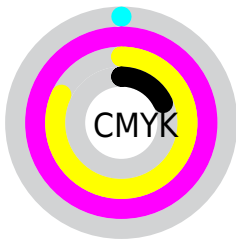
Distribution



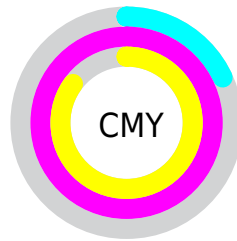
- Red (82%)
- Green (1%)
- Blue (15%)



- Red (82%)
- Yellow (1%)
- Blue (15%)



- Cyan (0%)
- Magenta (99%)
- Yellow (82%)
- Black (18%)



- Cyan (18%)
- Magenta (99%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291953445 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 4291953445 by changing the saturation by 10% instead.



4291953445



4291953445

4294967295



4289855504



4294924371



4287758336



4294932075



4285661184



4294939525



4283629570



4294946975



4281663490



4294954682



4278321152



4294962390



4278190080



4294967283



4291953445



4291953445

■ 4291952674

■ 4291958839

■ 4291964232

■ 4291969626

■ 4291975019

■ 4291980413

■ 4291985806

■ 4291991200

■ 4291996593

■ 4292001987

Harmonies

Analogous

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



4292411495



4291953445



4289743104

Triad

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



4291953445



4278222879



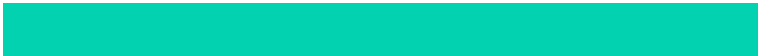
4278219251

Complementary

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



4291953445



4278440624

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.



4278222817



4291953445



4278223723

Square

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



4291953445



4281497600



4278223791



4284437470

Rectangle

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



4291953445



4287586048



4278223791



4278220785

Sweetspot

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



4291953445



4294947775



4289725394



4286599769



4278190080



4286611584

Same Dimension

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



4291953445



4294901802



4291971075



4285095520



4289200156



4280877063

Inverse Universe

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



4291953445



4294901802



4278422994



4285095520



4289200156



4280877063

Previews

White Background



This preview shows how the Android color 4291953445 looks on a white background.

Color Contrast Check

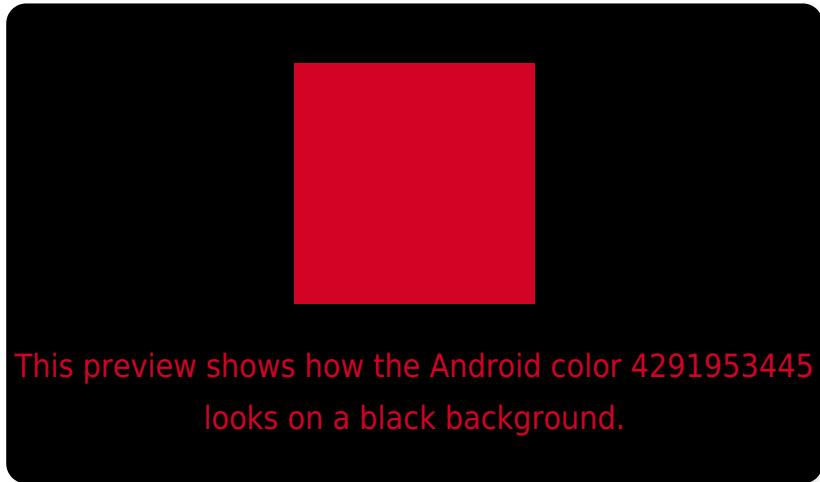
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4291953445 Background



This preview shows how black text looks on a background with the Android color 4291953445.



This preview shows how white text looks on a background with the Android color 4291953445.

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
4291953445

Protanopia
4285884987

Deuteranopia
4286997777

Trichromacy



Original Color
4291953445

Protanomaly
4288103731

Deuteranomaly
4288823576

Tritanomaly
4291890445

Monochromacy



Original Color
4291953445

Achromatopsia
4282729797

Achromatomaly
4286065977

CSS Examples

Text

The CSS property to change the color of the text to Android 4291953445 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(210, 3, 37)` looks like.

```
.text, #text, p{  
    color:rgb(210, 3, 37)  
}
```

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(210, 3, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 3, 37) }
```

Border

The CSS property to change the border of an element to Android 4291953445 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(210, 3, 37) }
```

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

```
.border{ border-color:rgb(210, 3, 37) }
```

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

Here you see how a box with a 4 pixel rgb(210, 3, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 3, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 3, 37);  
box-shadow:4px 4px 4px 4px rgb(210, 3, 37)  
}
```

Background

The CSS property to change the background color of an element to Android 4291953445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 3, 37) }
```

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

```
.background{ background-color: rgb(210, 3,  
37) }
```

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