

Converting Colors

Android(4292412992)

Have a look what the booklet for
Android(4292412992) contains.

| | |
|--|----|
| Android(4292412992) | 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(4292412992)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D90640 |
| RGB | 217, 6, 64 |
| RGB Percent | 85%, 2%, 25% |
| CMY | 0.1490, 0.9765, 0.7490 |
| CMYK | 0.00, 0.97, 0.71, 0.15 |
| HSL | 344°, 95%, 44% |
| HSV | 344°, 97%, 85% |
| XYZ | 29.6058, 15.2521, 6.2340 |
| YIQ | 75.7010, 107.1380, 62.7700 |

Conversions

Conversions Part 2

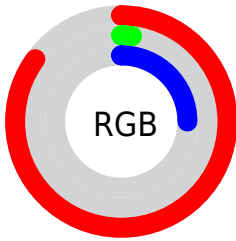
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 217, 6, 64 |
| Decimal | 14222912 |
| CIELab | 45.98, 71.79, 29.77 |
| CIELCh | 46, 77.719, 22.525 |
| Yxy | 15.2521, 0.5795, 0.2985 |
| Android (android.graphics.Color) | 4292412992 (0xFFD90640) |
| YUV | 75.7010, -5.7686, 123.9192 |
| Hunter-Lab | 39.0540, 66.9718, 17.8735 |

Details

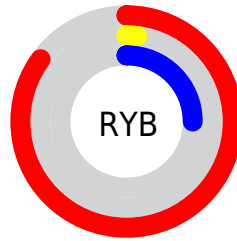
The Android color **4292412992** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **4278639007**, and the grayscale version is **4283190348**.

A 20% lighter version of the original color is **4294925167**, and **4288217110** is the 20% darker color. If you saturate the color by 10%, you get **4292411452**, and if you desaturate by 10%, it is **4292418640**.

Distribution



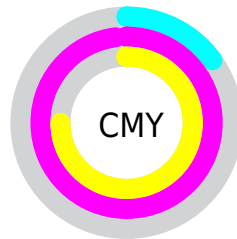
- Red (85%)
- Green (2%)
- Blue (25%)



- Red (85%)
- Yellow (2%)
- Blue (25%)



- Cyan (0%)
- Magenta (97%)
- Yellow (71%)
- Black (15%)



- Cyan (15%)
- Magenta (98%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Android color 4292412992 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 4292412992 by changing the saturation by 10% instead.

 4292412992

 4292412992

4294967295

 4290314282

 4294925167

 4288217110

 4294932873

 4286185472

 4294940323

 4284153858

 4294948030

 4282187779

 4294955738

 4279762945

 4294963446

 4278190080

 4292412992

 4292412992

 4292411452

 4292418640

 4292424031

 4292429679

 4292435327

 4292440719

 4292446366

 4292452014

 4292457662

 4292463054

Harmonies

Analogous

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



4292083840



4292412992



4290790400

Triad

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



4292412992



4278223370



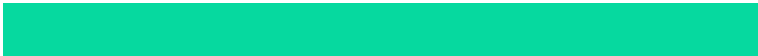
4278221552

Complementary

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



4292412992



4278639007

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.



4278224341



4292412992



4278224730

Square

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



4292412992



4283856896



4278225053



4280968167

Rectangle

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



4292412992



4288895744



4278225053



4278222827

Sweetspot

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



4292412992



4294948297



4288480985



4286600031



4278190080



4286611584

Same Dimension

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



4292412992



4294901830



4292424710



4285424486



4289527856



4281204749

Inverse Universe

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



4292412992



4294901830



4278627289



4285424486



4289527856



4281204749

Previews

White Background



This preview shows how the Android color 4292412992 looks on a white background.

Color Contrast Check

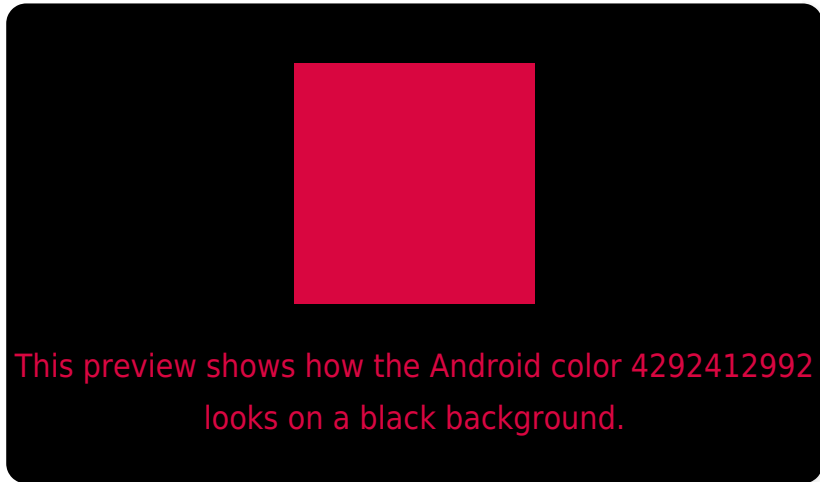
Large Text (above 18pt) WCAG AA ✓ Pass

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 4292412992 Background



This preview shows how black text looks on a background with the Android color 4292412992.



This preview shows how white text looks on a background with the Android color 4292412992.

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

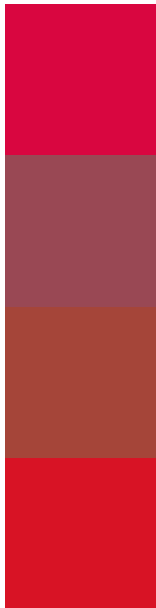


Original Color
4292412992

Protanopia
4285820511

Deuteranopia
4287129909

Trichromacy



Original Color
4292412992

Protanomaly
4288235604

Deuteranomaly
4289021241

Tritanomaly
4292350757

Monochromacy



Original Color
4292412992

Achromatopsia
4283190348

Achromatomaly
4286526280

CSS Examples

Text

The CSS property to change the color of the text to Android 4292412992 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(217, 6, 64)` looks like.

```
.text, #text, p{  
    color:rgb(217, 6, 64)  
}
```

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(217, 6, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 6, 64) }
```

Border

The CSS property to change the border of an element to Android 4292412992 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(217, 6, 64) }
```

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

```
.border{ border-color:rgb(217, 6, 64) }
```

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

Here you see how a box with a 4 pixel rgb(217, 6, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 6, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 6, 64);  
box-shadow:4px 4px 4px 4px rgb(217, 6, 64)  
}
```

Background

The CSS property to change the background color of an element to Android 4292412992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 6, 64) }
```

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

```
.background{ background-color: rgb(217, 6,  
64) }
```

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