

Converting Colors

Android(4294049792)

Have a look what the booklet for
Android(4294049792) contains.

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Color

Android(4294049792)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F20000 |
| RGB | 242, 0, 0 |
| RGB Percent | 95%, 0%, 0% |
| CMY | 0.0510, 1.0000, 1.0000 |
| CMYK | 0.00, 1.00, 1.00, 0.05 |
| HSL | 0°, 100%, 47% |
| HSV | 0°, 100%, 95% |
| XYZ | 36.6179, 18.8772, 1.7137 |
| YIQ | 72.3580, 144.2320, 51.3040 |

Conversions

Conversions Part 2

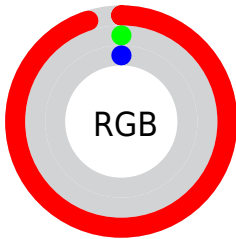
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 242, 0, 0 |
| Decimal | 15859712 |
| CIE Lab | 50.54, 77.00, 64.61 |
| CIE LCh | 51, 100.513, 40.000 |
| Yxy | 18.8772, 0.6401, 0.3300 |
| Android (android.graphics.Color) | 4294049792 (0xFFFF20000) |
| YUV | 72.3580, -35.6725, 148.7760 |
| Hunter-Lab | 43.4480, 74.4059, 28.0750 |

Details

The Android color **4294049792** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **4278252274**, and the grayscale version is **4282992969**.

A 20% lighter version of the original color is **4294925881**, and **4289658880** is the 20% darker color. If you saturate the color by 10%, you get **4294049792**, and if you desaturate by 10%, it is **4294055960**.

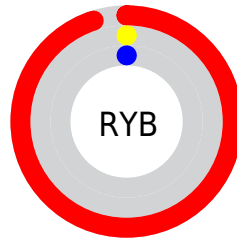
Distribution



Red (95%)

Green (0%)

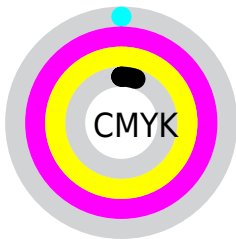
Blue (0%)



Red (95%)

Yellow (0%)

Blue (0%)

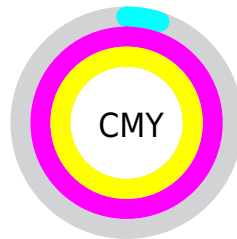


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294049792 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 4294049792 by changing the saturation by 10% instead.

 4294049792

 4294049792

 4294967286

 4291821568

 4294925881

 4289658880

 4294933842

 4287496192

 4294941548

 4285333506

 4294949254

 4283432964

 4294956961

 4281270274

 4294964669

 4278190080

 4294967257

 4294049792

 4294055960

 4294062128

 4294068553

 4294074721

 4294080889

 4294087057

 4294093225

 4294099650

 4294105818

Harmonies

Analogous

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



4294901856



4294049792



4290796800

Triad

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



4294049792



4278228536



4278222079

Complementary

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



4294049792



4278252274

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.



4278227711



4294049792



4278229396

Square

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



4294049792



4278226688



4278229478



4287974910

Rectangle

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



4294049792



4287854080



4278229478



4278224639

Sweetspot

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



4294049792



4294947763



4294050034



4286599762



4278190080



4286611584

Same Dimension

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



4294049792



4294901760



4294080768



4286082156



4290248704



4281860096

Inverse Universe

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



4278252274



4278255615



4278221298



4285298808



4278237368



4278204472

Previews

White Background



This preview shows how the Android color 4294049792 looks on a white background.

Color Contrast Check

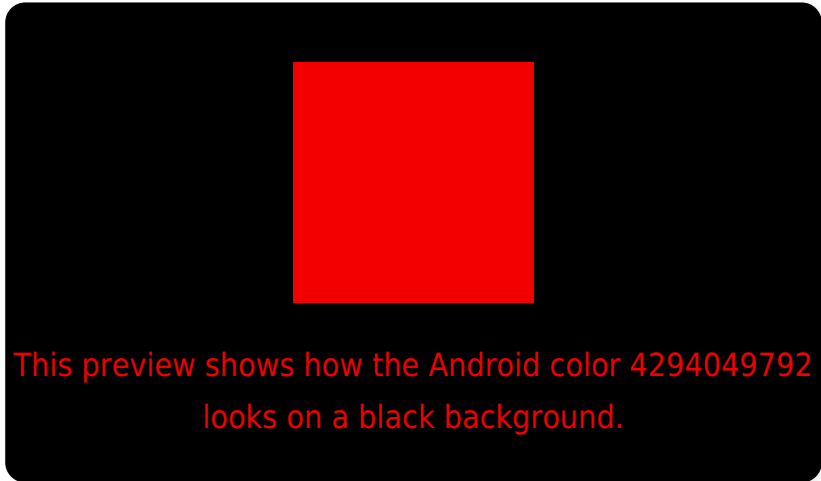
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4294049792 Background



This preview shows how black text looks on a background with the Android color 4294049792.



This preview shows how white text looks on a background with the Android color 4294049792.

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
4294049792

Protanopia
4287199775

Deuteranopia
4288312320

Trichromacy



Original Color
4294049792

Protanomaly
4289678868

Deuteranomaly
4290398720

Tritanomaly
4293987840

Monochromacy



Original Color
4294049792

Achromatopsia
4282927176

Achromatomaly
4286983726

CSS Examples

Text

The CSS property to change the color of the text to Android 4294049792 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(242, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(242, 0, 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(242, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 0, 0) }
```

Border

The CSS property to change the border of an element to Android 4294049792 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(242, 0, 0) }
```

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

```
.border{ border-color:rgb(242, 0, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 0, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(242, 0, 0); box-shadow:4px  
4px 4px 4px rgb(242, 0, 0) }
```

Background

The CSS property to change the background color of an element to Android 4294049792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 0, 0) }
```

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

```
.background{ background-color: rgb(242, 0,  
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](#).

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