

Converting Colors

Decimal(16272176)

Have a look what the booklet for
Decimal(16272176) contains.

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Color

Decimal(16272176)

Conversions

Conversions Part 1

Format	Color
Hex	F84B30
RGB	248, 75, 48
RGB Percent	97%, 29%, 19%
CMY	0.0275, 0.7059, 0.8118
CMYK	0.00, 0.70, 0.81, 0.03
HSL	8°, 93%, 58%
HSV	8°, 81%, 97%
XYZ	41.7610, 25.2020, 5.4597
YIQ	123.6490, 111.7750, 28.2790

Conversions

Conversions Part 2

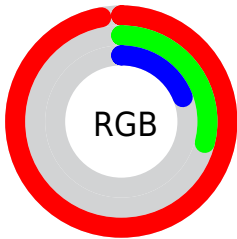
Format	Color
R_{YB}	248, 79, 48
Decimal	16272176
CIE _{Lab}	57.27, 64.29, 52.58
CIE _{LCh}	57, 83.051, 39.279
Yxy	25.2020, 0.5766, 0.3480
Android (android.graphics.Color)	4294462256 (0xFFFF84B30)
YUV	123.6490, -37.2950, 109.0558
Hunter-Lab	50.2016, 60.6352, 28.6930

Details

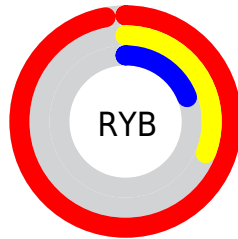
The Decimal color **16272176** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **3202552**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **16745825**, and **11993088** is the 20% darker color. If you saturate the color by 10%, you get **16266775**, and if you desaturate by 10%, it is **16277577**.

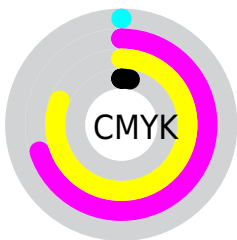
Distribution



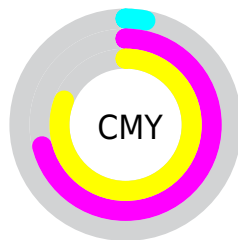
- Red (97%)
- Green (29%)
- Blue (19%)



- Red (97%)
- Yellow (31%)
- Blue (19%)



- Cyan (0%)
- Magenta (70%)
- Yellow (81%)
- Black (3%)



- Cyan (3%)
- Magenta (71%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16272176 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 Decimal color 16272176 by changing the saturation by 10% instead.

 16272176

 16272176

16777215

 14101016

 16745825

 11993088

 16753274

 9895936


 16760725

 7798784

 16768176

 5767169

 16775884

 3866627

 16777192

 1376256

 0

 16272176

 16272176

16266775

16277577

16261376

16283234

16288634

16294291

16299692

16305349

16310750

16316406

16318463

Harmonies

Analogous

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



16720758



16272176



13529856

Triad

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



16272176



42322



36095

Complementary

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



16272176



3202552

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.



40959



16272176



43167

Square

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



16272176



3972608



42980



10840827

Rectangle

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



16272176



11044352



42980



38143

Sweetspot

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



16272176



16763586



16265437



8413275



0



8421504

Same Dimension

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



16272176



16722184



16297776



8221296



12392704



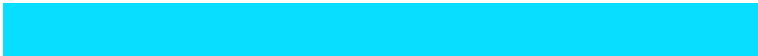
3999744

Inverse Universe

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



3202552



581375



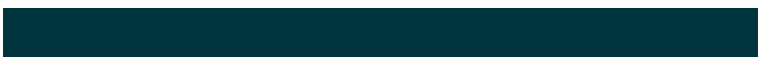
3176952



7371645



41917



13629

Previews

White Background



This preview shows how the Decimal color 16272176 looks on a white background.

Color Contrast Check

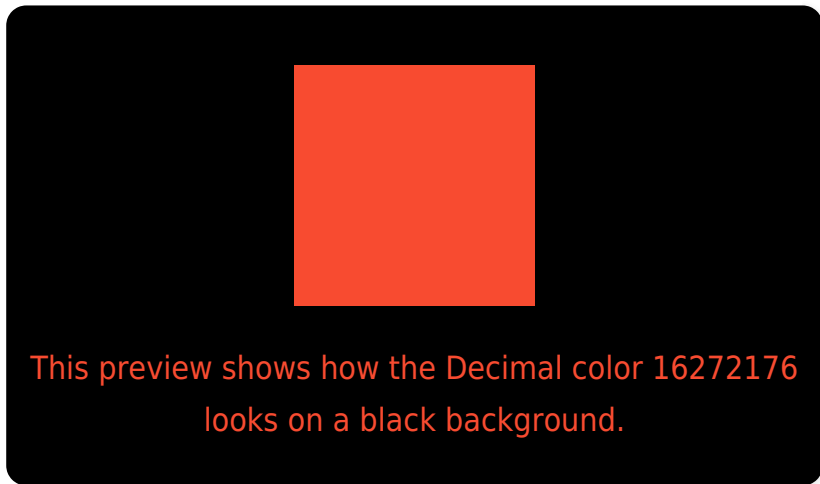
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

Decimal 16272176 Background



This preview shows how black text looks on a background with the Decimal color 16272176.



This preview shows how white text looks on a background with the Decimal color 16272176.

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
16272176

Protanopia
10062401

Deuteranopia
11371296



Tritanopia
16336971

Trichromacy



Original Color
16272176

Protanomaly
12350267

Deuteranomaly
13135654

Tritanomaly
16337217

Monochromacy



Original Color
16272176

Achromatopsia
8158332

Achromatomaly
11102816

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16272176 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 #F84B30 looks like.

```
.text, #text, p{  
    color:#F84B30  
}
```

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 #F84B30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F84B30
}
```

Border

The CSS property to change the border of an element to Decimal 16272176 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
#F84B30 }
```

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

```
.border{ border-color:#F84B30 }
```

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

Here you see how a box with a 4 pixel #F84B30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F84B30; -webkit-box-shadow:4px 4px  
4px 4px #F84B30; box-shadow:4px 4px 4px  
4px #F84B30 }
```

Background

The CSS property to change the background color of an element to Decimal 16272176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F84B30 }
```

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

```
.background{ background-color:#F84B30 }
```

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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