

Converting Colors

Decimal(16729375)

Have a look what the booklet for
Decimal(16729375) contains.

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Color

Decimal(16729375)

Conversions

Conversions Part 1

Format	Color
Hex	FF451F
RGB	255, 69, 31
RGB Percent	100%, 27%, 12%
CMY	0.0000, 0.7294, 0.8784
CMYK	0.00, 0.73, 0.88, 0.00
HSL	10°, 100%, 56%
HSV	10°, 88%, 100%
XYZ	43.6154, 25.6152, 3.9418
YIQ	120.2820, 123.0540, 27.6140

Conversions

Conversions Part 2

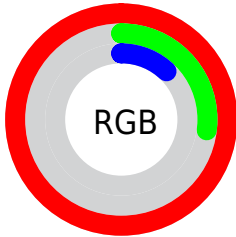
Format	Color
RYB	255, 77, 31
Decimal	16729375
CIELab	57.67, 68.12, 60.86
CIELCh	58, 91.341, 41.778
Yxy	25.6152, 0.5961, 0.3501
Android (android.graphics.Color)	4294919455 (0xFFFF451F)
YUV	120.2820, -44.0160, 118.1477
Hunter-Lab	50.6114, 65.2560, 30.8103

Details

The Decimal color **16729375** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **2087423**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **16744786**, and **12386304** is the 20% darker color. If you saturate the color by 10%, you get **16723974**, and if you desaturate by 10%, it is **16734777**.

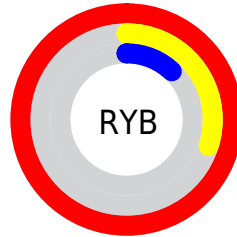
Distribution



Red (100%)

Green (27%)

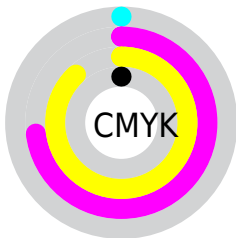
Blue (12%)



Red (100%)

Yellow (30%)

Blue (12%)

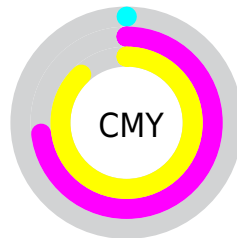


Cyan (0%)

Magenta (73%)

Yellow (88%)

Black (0%)



Cyan (0%)




Magenta (73%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16729375 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 16729375 by changing the saturation by 10% instead.

 16729375	 16729375
16777215	 14557184
 16744786	 12386304
 16752235	 10223616
 16759686	 8126464
 16767392	 6094849
 16775100	 4194307
 16777176	 1835009
 16777205	 0
 16729375	 16729375

16723974

16734777

16722688

16740178

16745835

16751237

16756639

16762040

16767442

16772843

16777215

Harmonies

Analogous

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



16711791



16729375



13595648

Triad

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



16729375



43349



35839

Complementary

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



16729375



2087423

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.



41471



16729375



44201

Square

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



16729375



1614080



43764



11625215

Rectangle

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



16729375



10782976



43764



38143

Sweetspot

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



16729375



16763069



16719834



8413016



0



8421504

Same Dimension

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



16729375



16722688



16757791



8418675



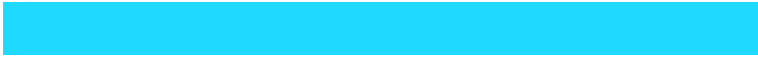
12525568



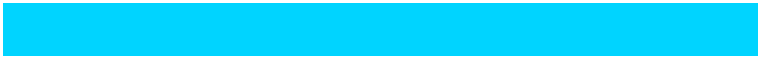
4197120

Inverse Universe

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



2087423



54527



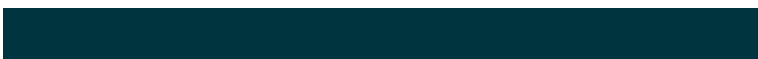
2059007



7568768



40895



13632

Previews

White Background



This preview shows how the Decimal color 16729375 looks on a white background.

Color Contrast Check

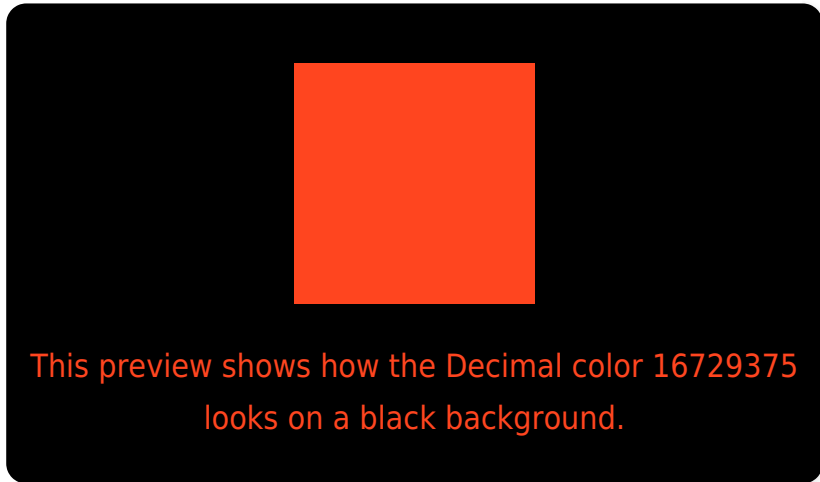
Large Text (above 18pt) WCAG AA ✓ Pass

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 16729375 Background



This preview shows how black text looks on a background with the Decimal color 16729375.



This preview shows how white text looks on a background with the Decimal color 16729375.

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
16729375

Protanopia
10193712

Deuteranopia
11502592

Trichromacy



Original Color
16729375

Protanomaly
12546602

Deuteranomaly
13397259

Tritanomaly
16728887

Monochromacy



Original Color
16729375

Achromatopsia
7895160

Achromatomaly
11101528

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16729375 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 #FF451F looks like.

```
.text, #text, p{  
  color:#FF451F  
}
```

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 #FF451F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF451F
}
```

Border

The CSS property to change the border of an element to Decimal 16729375 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".

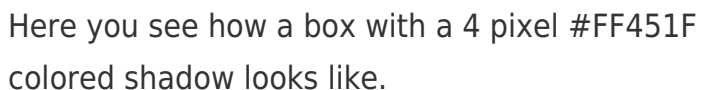
```
.border, #border, table{ border:4px solid
#FF451F }
```

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

```
.border{ border-color:#FF451F }
```

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

Here you see how a box with a 4 pixel #FF451F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF451F; -webkit-box-shadow:4px 4px  
4px 4px #FF451F; box-shadow:4px 4px 4px  
4px #FF451F }
```

Background

The CSS property to change the background color of an element to Decimal 16729375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF451F }
```

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

```
.background{ background-color:#FF451F }
```

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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