

# Converting Colors

Decimal(16719376)

Have a look what the booklet for  
Decimal(16719376) contains.

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**Color**

**Decimal(16719376)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF1E10
RGB	255, 30, 16
RGB Percent	100%, 12%, 6%
CMY	0.0000, 0.8824, 0.9373
CMYK	0.00, 0.88, 0.94, 0.00
HSL	4°, 100%, 53%
HSV	4°, 94%, 100%
XYZ	41.7978, 22.2260, 2.5773
YIQ	95.6790, 138.5940, 43.3460

# Conversions

## Conversions Part 2

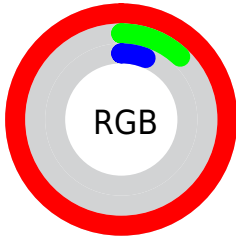
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 31, 16
Decimal	16719376
CIE <sub>Lab</sub>	54.27, 77.36, 63.72
CIE <sub>LCh</sub>	54, 100.223, 39.481
Yxy	22.2260, 0.6276, 0.3337
Android (android.graphics.Color)	4294909456 (0xFFFF1E10)
YUV	95.6790, -39.2817, 139.7245
Hunter-Lab	47.1444, 75.7537, 29.7599

# Details

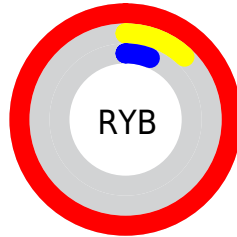
The Decimal color **16719376** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark washed red. A complement of this color would be **1110527**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **16738628**, and **12320768** is the 20% darker color. If you saturate the color by 10%, you get **16715520**, and if you desaturate by 10%, it is **16725546**.

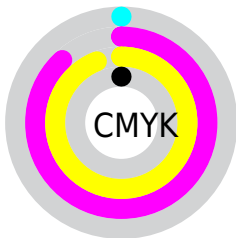
# Distribution



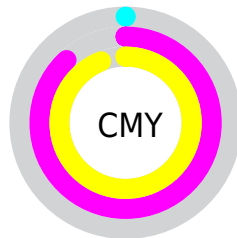
- Red (100%)
- Green (12%)
- Blue (6%)



- Red (100%)
- Yellow (12%)
- Blue (6%)



- Cyan (0%)
- Magenta (88%)
- Yellow (94%)
- Black (0%)



- Cyan (0%)
- Magenta (88%)
- Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16719376 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 16719376 by changing the saturation by 10% instead.



 16719376	 16719376
16777215	 14483456
 16738628	 12320768
 16746334	 10092544
 16754296	 7995393
 16762002	 5898243
 16769709	 3866627
 16777161	 1376256
 16777190	 0
 16719376	 16719376

■ 16715520

■ 16725546

■ 16731715

■ 16737885

■ 16744054

■ 16750224

■ 16756393

■ 16762563

■ 16768732

■ 16774902

# Harmonies

## Analogous

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



16711787



16719376



13460992

# Triad

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



16719376



41023



34559

# Complementary

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



16719376



1110527

# 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.



40191



16719376



42140

# Square

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



16719376



39168



41968



10377471

# Rectangle

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



16719376



10452480



41968



36863



# Sweetspot

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



16719376



16759992



16716019



8410964



0



8421504



# Same Dimension

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



16719376



16715520



16749328



8418163



12520192



4195328



# Inverse Universe

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



1110527



61695



1080575



7569280



46271

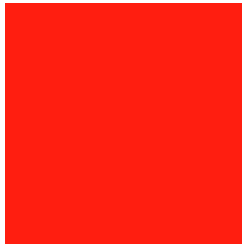


15424



# Previews

## White Background



This preview shows how the Decimal color 16719376 looks on a white background.

## Color Contrast Check

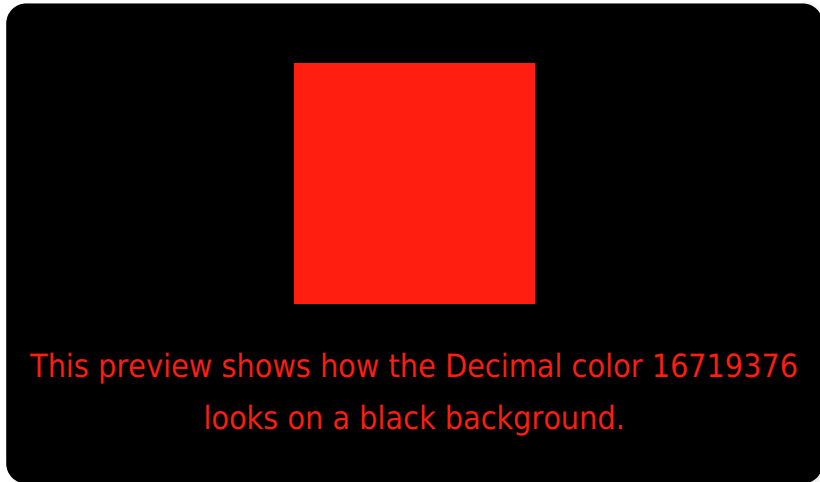
Large Text (above 18pt) WCAG AA ✓ Pass

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 16719376 Background



This preview shows how black text looks on a background with the Decimal color 16719376.



This preview shows how white text looks on a background with the Decimal color 16719376.

# 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**  
16719376

**Protanopia**  
9601830

**Deuteranopia**  
10779648



**Tritanopia**  
16719383

# Trichromacy



**Original Color**  
16719376

**Protanomaly**  
12213790

**Deuteranomaly**  
12933638

**Tritanomaly**  
16719380

# Monochromacy



**Original Color**  
16719376

**Achromatopsia**  
6316128

**Achromatomaly**  
10111043

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16719376 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 #FF1E10 looks like.

```
.text, #text, p{  
    color:#FF1E10  
}
```

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 #FF1E10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF1E10
}
```

## Border

The CSS property to change the border of an element to Decimal 16719376 is called "border". The border property can be set on classes, ids or directly on the HTML element.

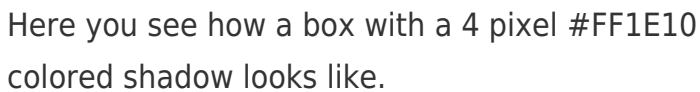
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF1E10 }
```

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

```
.border{ border-color:#FF1E10 }
```

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



Here you see how a box with a 4 pixel `#FF1E10` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF1E10; -webkit-box-shadow:4px 4px  
4px 4px #FF1E10; box-shadow:4px 4px 4px  
4px #FF1E10 }
```

# Background

The CSS property to change the background color of an element to Decimal 16719376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF1E10 }
```

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

```
.background{ background-color:#FF1E10 }
```

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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