

# Converting Colors

Decimal(15996167)

Have a look what the booklet for  
Decimal(15996167) contains.

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**Color**

**Decimal(15996167)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F41507
RGB	244, 21, 7
RGB Percent	96%, 8%, 3%
CMY	0.0431, 0.9176, 0.9725
CMYK	0.00, 0.91, 0.97, 0.04
HSL	4°, 94%, 49%
HSV	4°, 97%, 96%
XYZ	37.6147, 19.7848, 2.0373
YIQ	86.0810, 137.4020, 42.9220

# Conversions

## Conversions Part 2

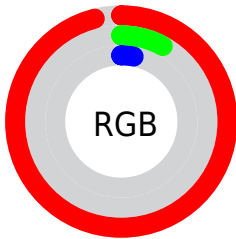
Format	Color
<a href="#">RYB</a>	<a href="#">244, 22, 7</a>
Decimal	<a href="#">15996167</a>
CIELab	<a href="#">51.59, 75.74, 63.44</a>
CIElCh	<a href="#">52, 98.804, 39.950</a>
Yxy	<a href="#">19.7848, 0.6329, 0.3329</a>
Android (android.graphics.Color)	<a href="#">4294186247</a> ( <a href="#">0xFFFF41507</a> )
YUV	<a href="#">86.0810, -38.9869, 138.4950</a>
Hunter-Lab	<a href="#">44.4801, 73.1091, 28.4204</a>

# Details

The Decimal color **15996167** 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 **517876**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **16737086**, and **11599872** is the 20% darker color. If you saturate the color by 10%, you get **15994368**, and if you desaturate by 10%, it is **16002079**.

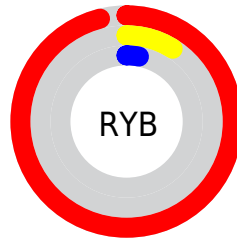
# Distribution



Red (96%)

Green (8%)

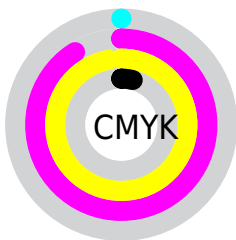
Blue (3%)



Red (96%)

Yellow (9%)

Blue (3%)

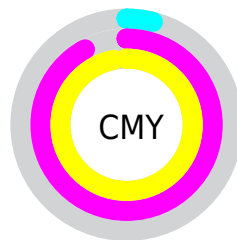


Cyan (0%)

Magenta (91%)

Yellow (97%)

Black (4%)



Cyan (4%)

Magenta (92%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15996167 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 15996167 by changing the saturation by 10% instead.



 15996167

 15996167

16777212

 13762560

 16737086

 11599872

 16745047

 9437184

 16752753

 7340033

 16760459

 5308420

 16768167

 3276802

 16775874

 0

 16777183

 15996167

 15996167

■ 15994368

■ 16002079

■ 16007992

■ 16013904

■ 16019817

■ 16025729

■ 16031641

■ 16037554

■ 16043466

■ 16049379

# Harmonies

## Analogous

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



16711779



15996167



12804096

# Triad

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



15996167



39227



32511

# Complementary

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



15996167



517876

# 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.



38143



15996167



40086

# Square

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



15996167



37120



40167



9982463

# Rectangle

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



15996167



9861120



40167



35071



# Sweetspot

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



15996167



16759221



15992808



8410707



0



8421504



# Same Dimension

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



15996167



16715520



16025863



8023918



12192512



3867392



# Inverse Universe

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



517876



61695



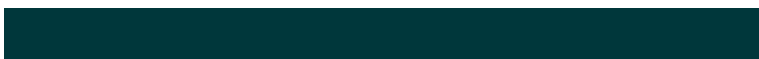
488180



7240314



44986



14139



# Previews

## White Background



This preview shows how the Decimal color 15996167 looks on a white background.

## Color Contrast Check

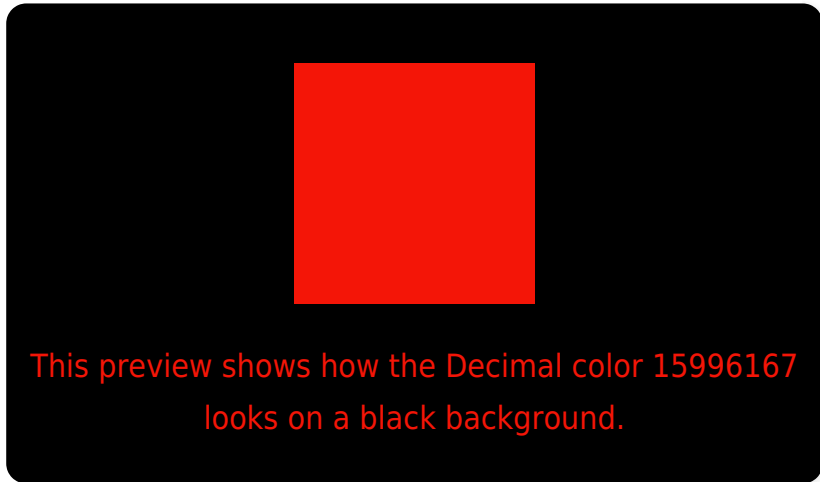
Large Text (above 18pt) WCAG AA ✓ Pass

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 15996167 Background



This preview shows how black text looks on a background with the Decimal color 15996167.



This preview shows how white text looks on a background with the Decimal color 15996167.

# 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**  
15996167

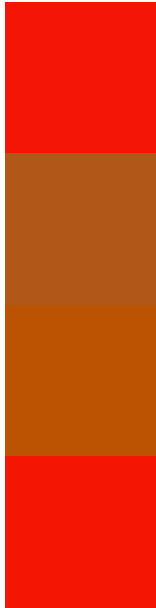
**Protanopia**  
9141280

**Deuteranopia**  
10253824



**Tritanopia**  
15996160

# Trichromacy



**Original Color**  
15996167

**Protanomaly**  
11622167

**Deuteranomaly**  
12342019

**Tritanomaly**  
15996163

# Monochromacy



**Original Color**  
15996167

**Achromatopsia**  
5658198

**Achromatomaly**  
9387577

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15996167 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 #F41507 looks like.

```
.text, #text, p{  
  color:#F41507  
}
```

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 #F41507 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F41507
}
```

## Border

The CSS property to change the border of an element to Decimal 15996167 is called "border". The border property can be set on classes, ids or directly on the HTML element.

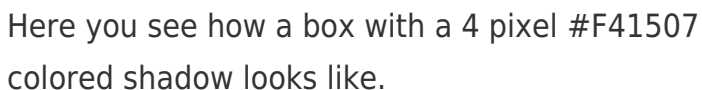
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F41507 }
```

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

```
.border{ border-color:#F41507 }
```

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



Here you see how a box with a 4 pixel #F41507 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F41507; -webkit-box-shadow:4px 4px  
4px 4px #F41507; box-shadow:4px 4px 4px  
4px #F41507 }
```

# Background

The CSS property to change the background color of an element to Decimal 15996167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F41507 }
```

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

```
.background{ background-color:#F41507 }
```

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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