

# Converting Colors

Decimal(15669520)

Have a look what the booklet for  
Decimal(15669520) contains.

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**Color**

**Decimal(15669520)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EF1910
RGB	239, 25, 16
RGB Percent	94%, 10%, 6%
CMY	0.0627, 0.9020, 0.9373
CMYK	0.00, 0.90, 0.93, 0.06
HSL	2°, 87%, 50%
HSV	2°, 93%, 94%
XYZ	36.0378, 19.0834, 2.2743
YIQ	87.9600, 130.4330, 42.5690

# Conversions

## Conversions Part 2

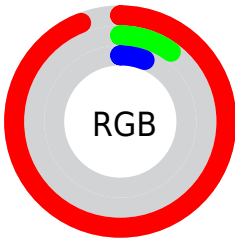
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	239, 25, 16
Decimal	15669520
CIE <sub>Lab</sub>	50.78, 74.03, 60.07
CIE <sub>LCh</sub>	51, 95.329, 39.057
Yxy	19.0834, 0.6279, 0.3325
Android (android.graphics.Color)	4293859600 (0xFFEF1910)
YUV	87.9600, -35.4763, 132.4621
Hunter-Lab	43.6845, 70.8064, 27.4925

# Details

The Decimal color **15669520** 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 **1107695**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **16737347**, and **11337728** is the 20% darker color. If you saturate the color by 10%, you get **15665664**, and if you desaturate by 10%, it is **15675432**.

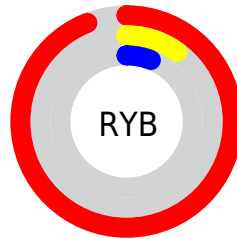
# Distribution



Red (94%)

Green (10%)

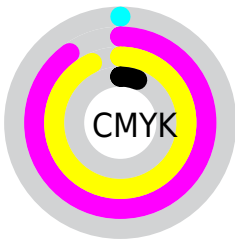
Blue (6%)



Red (94%)

Yellow (10%)

Blue (6%)

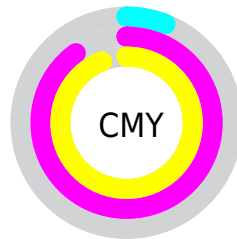


Cyan (0%)

Magenta (90%)

Yellow (93%)

Black (6%)



Cyan (6%)

Magenta (90%)


















Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15669520 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 15669520 by changing the saturation by 10% instead.



 15669520	 15669520
16777215	 13500416
 16737347	 11337728
 16745052	 9175040
 16752758	 7077889
 16760208	 5111812
 16767915	 3014658
 16775879	 0
 16777187	
 15669520	 15669520

■ 15665664

■ 15675432

■ 15681344

■ 15687256

■ 15693168

■ 15699079

■ 15704991

■ 15710903

■ 15716559

■ 15722471

# Harmonies

## Analogous

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



16711781



15669520



12606976

# Triad

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



15669520



38457



32255

# Complementary

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



15669520



1107695

# 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.



37631



15669520



39313

# Square

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



15669520



36352



39391



9524218

# Rectangle

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



15669520



9860352



39391



34559



# Sweetspot

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



15669520



16759480



15667432



8410708



0



8421504



# Same Dimension

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



15669520



16714240



15697680



7892076



12060416



3670528



# Inverse Universe

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



1107695



62975



1079535



7108472



45240



13880



# Previews

## White Background



This preview shows how the Decimal color 15669520 looks on a white background.

## Color Contrast Check

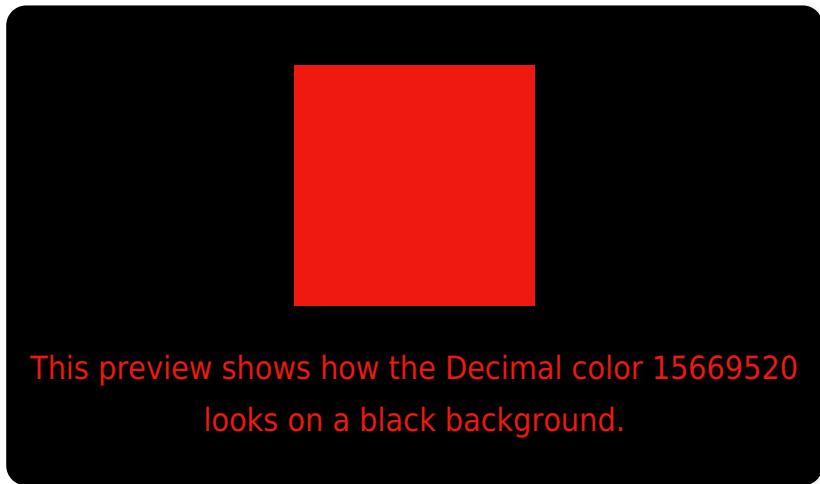
Large Text (above 18pt) WCAG AA ✓ Pass

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 15669520 Background



This preview shows how black text looks on a background with the Decimal color 15669520.



This preview shows how white text looks on a background with the Decimal color 15669520.

# 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**  
15669520

**Protanopia**  
9009701

**Deuteranopia**  
10122240



# Trichromacy



**Original Color**  
15669520

**Protanomaly**  
11425565

**Deuteranomaly**  
12145414

**Tritanomaly**  
15669520

# Monochromacy



**Original Color**  
15669520

**Achromatopsia**  
5789784

**Achromatomaly**  
9388350

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15669520 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 #EF1910 looks like.

```
.text, #text, p{  
    color:#EF1910  
}
```

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 #EF1910 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF1910
}
```

## Border

The CSS property to change the border of an element to Decimal 15669520 is called "border". The border property can be set on classes, ids or directly on the HTML element.

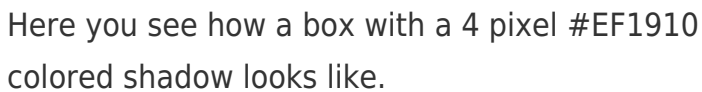
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EF1910 }
```

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

```
.border{ border-color:#EF1910 }
```

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



Here you see how a box with a 4 pixel #EF1910 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF1910; -webkit-box-shadow:4px 4px  
4px 4px #EF1910; box-shadow:4px 4px 4px  
4px #EF1910 }
```

# Background

The CSS property to change the background color of an element to Decimal 15669520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF1910 }
```

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

```
.background{ background-color:#EF1910 }
```

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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