

# Converting Colors

Decimal(15601937)

Have a look what the booklet for  
Decimal(15601937) contains.

<b>Decimal(15601937)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(15601937)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EE1111
RGB	238, 17, 17
RGB Percent	93%, 7%, 7%
CMY	0.0667, 0.9333, 0.9333
CMYK	0.00, 0.93, 0.93, 0.07
HSL	0°, 87%, 50%
HSV	0°, 93%, 93%
XYZ	35.5615, 18.6185, 2.2497
YIQ	83.0790, 131.7160, 46.8520

# Conversions

## Conversions Part 2

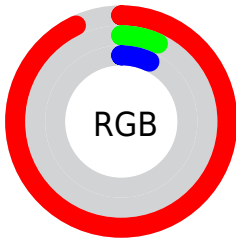
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	238, 17, 17
Decimal	15601937
CIE Lab	50.24, 74.78, 59.32
CIE LCh	50, 95.453, 38.424
Yxy	18.6185, 0.6302, 0.3299
Android (android.graphics.Color)	4293792017 (0xFFEE1111)
YUV	83.0790, -32.5769, 135.8657
Hunter-Lab	43.1492, 71.6003, 27.1131

# Details

The Decimal color **15601937** 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 **1175278**, and the grayscale version is **5460819**.

A 20% lighter version of the original color is **16736579**, and **11272192** is the 20% darker color. If you saturate the color by 10%, you get **15597568**, and if you desaturate by 10%, it is **15608105**.

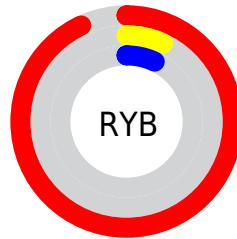
# Distribution



Red (93%)

Green (7%)

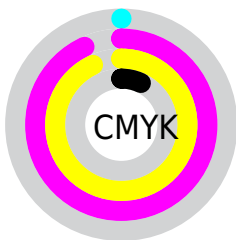
Blue (7%)



Red (93%)

Yellow (7%)

Blue (7%)

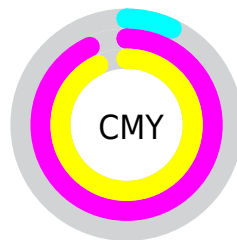


Cyan (0%)

Magenta (93%)

Yellow (93%)

Black (7%)



Cyan (7%)

Magenta (93%)















Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15601937 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 15601937 by changing the saturation by 10% instead.



 15601937	 15601937
16777215	 13434880
 16736579	 11272192
 16744284	 9109504
 16751990	 7012353
 16759696	 5046276
 16767403	 2949121
 16775111	 0
 16777187	
 15601937	 15601937

■ 15597568

■ 15608105

■ 15614273

■ 15620184

■ 15626352

■ 15632520

■ 15638688

■ 15644856

■ 15650767

■ 15656935

# Harmonies

## Analogous

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



16711781



15601937



12606464

# Triad

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



15601937



37942



31999

# Complementary

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



15601937



1175278

# 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.



37119



15601937



38797

# Square

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



15601937



36096



38876



9261817

# Rectangle

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



15601937



9859840



38876



34303



# Sweetspot

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



15601937



16758968



15602158



8410196



0



8421504



# Same Dimension

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



15601937



16711680



15630097



7892076



12058624



3670016



# Inverse Universe

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



1175278



65535



1146862



7108728



47288



14392



# Previews

## White Background



This preview shows how the Decimal color 15601937 looks on a white background.

## Color Contrast Check

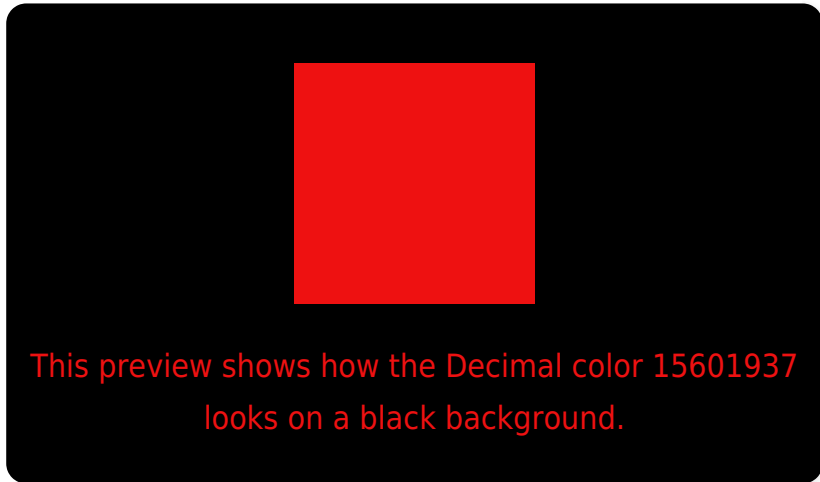
Large Text (above 18pt) WCAG AA ✓ Pass

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 15601937 Background



This preview shows how black text looks on a background with the Decimal color 15601937.



This preview shows how white text looks on a background with the Decimal color 15601937.

# 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**  
15601937

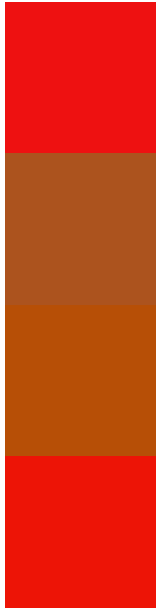
**Protanopia**  
8878374

**Deuteranopia**  
9990912



**Tritanopia**  
15537408

# Trichromacy



**Original Color**  
15601937

**Protanomaly**  
11293470

**Deuteranomaly**  
12013318

**Tritanomaly**  
15537158

# Monochromacy



**Original Color**  
15601937

**Achromatopsia**  
5460819

**Achromatomaly**  
9124667

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15601937 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 #EE1111 looks like.

```
.text, #text, p{  
    color:#EE1111  
}
```

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 #EE1111 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE1111
}
```

## Border

The CSS property to change the border of an element to Decimal 15601937 is called "border". The border property can be set on classes, ids or directly on the HTML element.

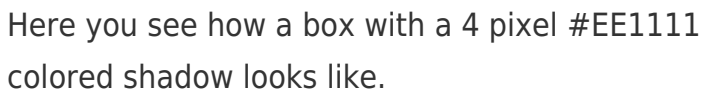
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EE1111 }
```

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

```
.border{ border-color:#EE1111 }
```

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



Here you see how a box with a 4 pixel #EE1111 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE1111; -webkit-box-shadow:4px 4px  
4px 4px #EE1111; box-shadow:4px 4px 4px  
4px #EE1111 }
```

# Background

The CSS property to change the background color of an element to Decimal 15601937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE1111 }
```

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

```
.background{ background-color:#EE1111 }
```

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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