

# Converting Colors

Decimal(15536661)

Have a look what the booklet for  
Decimal(15536661) contains.

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**Color**

**Decimal(15536661)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ED1215
RGB	237, 18, 21
RGB Percent	93%, 7%, 8%
CMY	0.0706, 0.9294, 0.9176
CMYK	0.00, 0.92, 0.91, 0.07
HSL	359°, 86%, 50%
HSV	359°, 92%, 93%
XYZ	35.2767, 18.4913, 2.4194
YIQ	83.8230, 129.5610, 47.3610

# Conversions

## Conversions Part 2

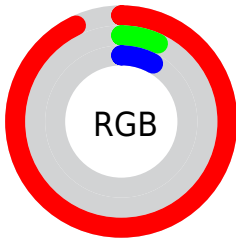
Format	Color
<a href="#">RYB</a>	<a href="#">237, 18, 21</a>
Decimal	<a href="#">15536661</a>
CIELab	<a href="#">50.09, 74.47, 57.72</a>
CIElCh	<a href="#">50, 94.216, 37.777</a>
Yxy	<a href="#">18.4913, 0.6278, 0.3291</a>
Android (android.graphics.Color)	<a href="#">4293726741</a> (0xFFED1215)
YUV	<a href="#">83.8230, -30.9717, 134.3362</a>
Hunter-Lab	<a href="#">43.0015, 71.1817, 26.7653</a>

# Details

The Decimal color **15536661** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **1240554**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **16736582**, and **11206656** is the 20% darker color. If you saturate the color by 10%, you get **15532035**, and if you desaturate by 10%, it is **15542828**.

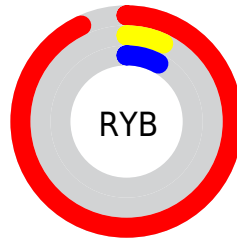
# Distribution



Red (93%)

Green (7%)

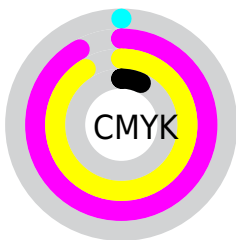
Blue (8%)



Red (93%)

Yellow (7%)

Blue (8%)

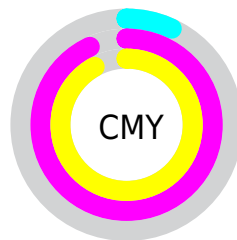


Cyan (0%)

Magenta (92%)

Yellow (91%)

Black (7%)



Cyan (7%)

Magenta (93%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15536661 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 15536661 by changing the saturation by 10% instead.



 15536661

 15536661

16777215

 13369344

 16736582

 11206656

 16744287

 9043968

 16751993

 6946817

 16759699

 4980740

 16767406

 2883585

 16775114

 0

 16777190

 15536661

 15536661

■ 15532035

■ 15542828

■ 15548740

■ 15554907

■ 15561075

■ 15566986

■ 15573153

■ 15579321

■ 15585488

■ 15591399

# Harmonies

## Analogous

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



16580711



15536661



12606208

# Triad

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



15536661



37684



31999

# Complementary

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



15536661



1240554

# 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



15536661



38539

# Square

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



15536661



101376



38617



9065720

# Rectangle

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



15536661



9925376



38617



34303



# Sweetspot

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



15536661



16758969



15274733



8410197



0



8421504



# Same Dimension

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



15536661



16711683



15563794



7694954



11862018



3538945



# Inverse Universe

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



15536661



16711683



1213421



7694954



11862018



3538945



# Previews

## White Background



This preview shows how the Decimal color 15536661 looks on a white background.

## Color Contrast Check

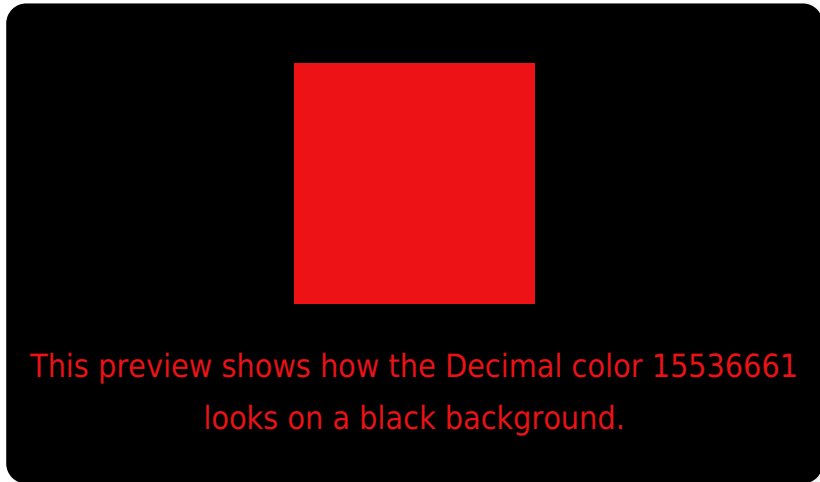
Large Text (above 18pt) WCAG AA ✓ Pass

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 15536661 Background



This preview shows how black text looks on a background with the Decimal color 15536661.



This preview shows how white text looks on a background with the Decimal color 15536661.

# 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**  
15536661

**Protanopia**  
8812585

**Deuteranopia**  
9990656



**Tritanopia**  
15537408

# Trichromacy



**Original Color**  
15536661

**Protanomaly**  
11227938

**Deuteranomaly**  
12013320

**Tritanomaly**  
15537160

# Monochromacy



**Original Color**  
15536661

**Achromatopsia**  
5526612

**Achromatomaly**  
9190461

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15536661 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 #ED1215 looks like.

```
.text, #text, p{  
    color:#ED1215  
}
```

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 #ED1215 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED1215
}
```

## Border

The CSS property to change the border of an element to Decimal 15536661 is called "border". The border property can be set on classes, ids or directly on the HTML element.

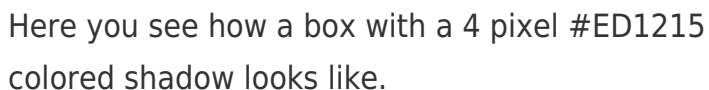
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#ED1215 }
```

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

```
.border{ border-color:#ED1215 }
```

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



Here you see how a box with a 4 pixel #ED1215 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED1215; -webkit-box-shadow:4px 4px  
4px 4px #ED1215; box-shadow:4px 4px 4px  
4px #ED1215 }
```

# Background

The CSS property to change the background color of an element to Decimal 15536661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED1215 }
```

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

```
.background{ background-color:#ED1215 }
```

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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