

Converting Colors

Decimal(16711937)

Have a look what the booklet for
Decimal(16711937) contains.

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Color

Decimal(16711937)

Conversions

Conversions Part 1

Format	Color
Hex	FF0101
RGB	255, 1, 1
RGB Percent	100%, 0%, 0%
CMY	0.0000, 0.9961, 0.9961
CMYK	0.00, 1.00, 1.00, 0.00
HSL	0°, 100%, 50%
HSV	0°, 100%, 100%
XYZ	41.2563, 21.2839, 1.9625
YIQ	76.9460, 151.3840, 53.8480

Conversions

Conversions Part 2

Format	Color
RYB	255, 1, 1
Decimal	16711937
CIELab	53.26, 80.05, 66.97
CIElCh	53, 104.370, 39.918
Yxy	21.2839, 0.6396, 0.3300
Android (android.graphics.Color)	4294902017 (0xFFFF0101)
YUV	76.9460, -37.4414, 156.1534
Hunter-Lab	46.1345, 78.8905, 29.7721

Details

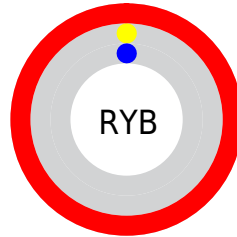
The Decimal color **16711937** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **131071**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **16736571**, and **12255232** is the 20% darker color. If you saturate the color by 10%, you get **16711680**, and if you desaturate by 10%, it is **16718362**.

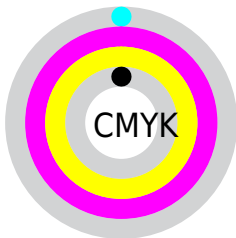
Distribution



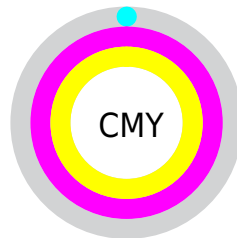
- Red (100%)
- Green (0%)
- Blue (0%)



- Red (100%)
- Yellow (0%)
- Blue (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16711937 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 16711937 by changing the saturation by 10% instead.

 16711937

 16711937

 16777209

 14483456

 16736571

 12255232

 16744533

 10092544


 16752495

 7929857

 16760201

 5898244

 16767908

 3801090

 16775872

 1179648

 16777180

 0

 16711937

 16711937

■ 16711680

■ 16718362

■ 16725044

■ 16731726

■ 16738151

■ 16744833

■ 16751258

■ 16757683

■ 16764365

■ 16771047

Harmonies

Analogous

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



16711782



16711937



13329152

Triad

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



16711937



40507



33791

Complementary

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



16711937



131071

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.



39679



16711937



41372

Square

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



16711937



38656



41715



10310399

Rectangle

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



16711937



10189824



41715



36351

Sweetspot

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



16711937



16757683



16712191



8409682



0



8421504

Same Dimension

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



16711937



16711680



16744449



8418163



12517376



4194304

Inverse Universe

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



131071



65535



98559



7569536



49087



16448

Previews

White Background



This preview shows how the Decimal color 16711937 looks on a white background.

Color Contrast Check

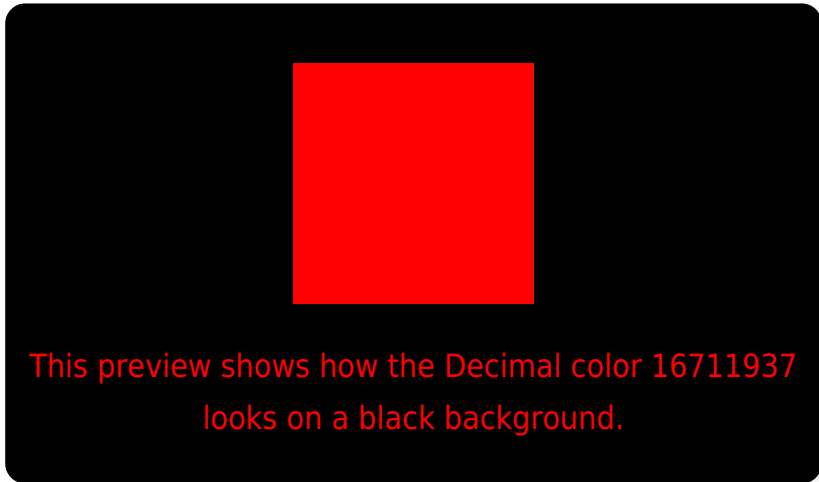
Large Text (above 18pt) WCAG AA ✓ Pass

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 16711937 Background



This preview shows how black text looks on a background with the Decimal color 16711937.



This preview shows how white text looks on a background with the Decimal color 16711937.

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
16711937

Protanopia
9470241

Deuteranopia
10648064



Tritanopia
16586752

Trichromacy



Original Color
16711937



Protanomaly
12079637



Deuteranomaly
12865024



Tritanomaly
16650240

Monochromacy



Original Color
16711937



Achromatopsia
5066061



Achromatomaly
9318705

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16711937 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 #FF0101 looks like.

```
.text, #text, p{  
    color:#FF0101  
}
```

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 #FF0101 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF0101
}
```

Border

The CSS property to change the border of an element to Decimal 16711937 is called "border". The border property can be set on classes, ids or directly on the HTML element.

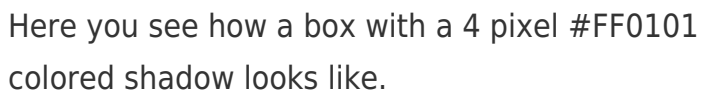
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF0101 }
```

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

```
.border{ border-color:#FF0101 }
```

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



Here you see how a box with a 4 pixel #FF0101 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF0101; -webkit-box-shadow:4px 4px  
4px 4px #FF0101; box-shadow:4px 4px 4px  
4px #FF0101 }
```

Background

The CSS property to change the background color of an element to Decimal 16711937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF0101 }
```

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

```
.background{ background-color:#FF0101 }
```

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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