

Converting Colors

Decimal(16717836)

Have a look what the booklet for
Decimal(16717836) contains.

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Color

Decimal(16717836)

Conversions

Conversions Part 1

Format	Color
Hex	FF180C
RGB	255, 24, 12
RGB Percent	100%, 9%, 5%
CMY	0.0000, 0.9059, 0.9529
CMYK	0.00, 0.91, 0.95, 0.00
HSL	3°, 100%, 52%
HSV	3°, 95%, 100%
XYZ	41.6330, 21.9398, 2.3883
YIQ	91.7010, 141.5280, 45.2400

Conversions

Conversions Part 2

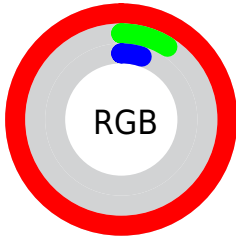
Format	Color
RYB	255, 25, 12
Decimal	16717836
CIELab	53.96, 78.16, 64.64
CIElCh	54, 101.427, 39.592
Yxy	21.9398, 0.6312, 0.3326
Android (android.graphics.Color)	4294907916 (0xFFFF180C)
YUV	91.7010, -39.2926, 143.2132
Hunter-Lab	46.8400, 76.6871, 29.7648

Details

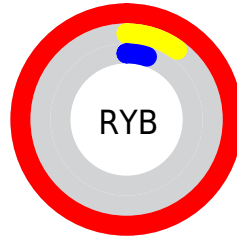
The Decimal color **16717836** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **848895**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **16737858**, and **12320768** is the 20% darker color. If you saturate the color by 10%, you get **16715008**, and if you desaturate by 10%, it is **16724006**.

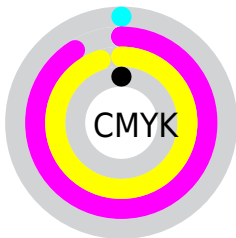
Distribution



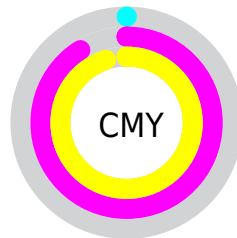
- Red (100%)
- Green (9%)
- Blue (5%)



- Red (100%)
- Yellow (10%)
- Blue (5%)



- Cyan (0%)
- Magenta (91%)
- Yellow (95%)
- Black (0%)






















- Cyan (0%)
- Magenta (91%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16717836 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 16717836 by changing the saturation by 10% instead.

 16717836	 16717836
16777215	 14483456
 16737858	 12320768
 16745819	 10092544
 16753781	 7995393
 16761488	 5898243
 16769195	 3866626
 16776903	 1310720
 16777187	 0
 16717836	 16717836

■ 16715008

■ 16724006

■ 16730175

■ 16736601

■ 16742770

■ 16748940

■ 16755109

■ 16761535

■ 16767704

■ 16773874

Harmonies

Analogous

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



16711786



16717836



13395200

Triad

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



16717836



41022



34303

Complementary

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



16717836



848895

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.



39935



16717836



41884

Square

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



16717836



38912



41968



10376959

Rectangle

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



16717836



10386944



41968



36863

Sweetspot

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



16717836



16759221



16714999



8410451



0



8421504

Same Dimension

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



16717836



16715008



16748044



8418163



12519680



4195072

Inverse Universe

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



848895



62207



818687



7569280



46783



15680

Previews

White Background



This preview shows how the Decimal color 16717836 looks on a white background.

Color Contrast Check

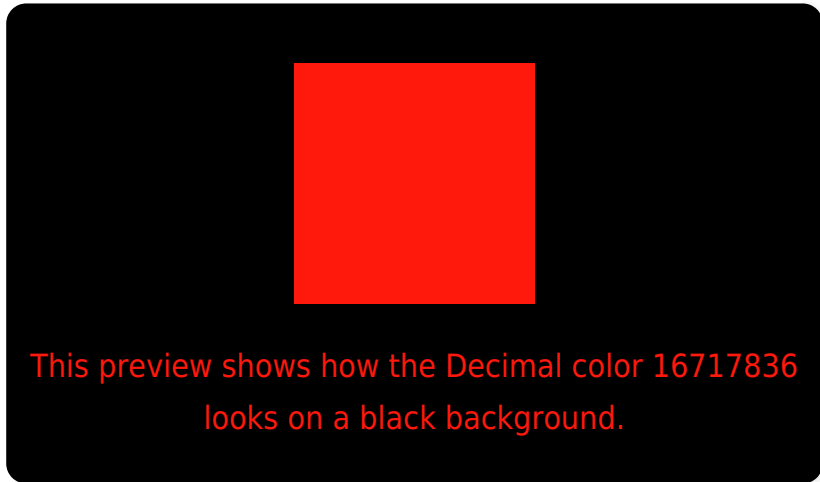
Large Text (above 18pt) WCAG AA ✓ Pass

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 16717836 Background



This preview shows how black text looks on a background with the Decimal color 16717836.



This preview shows how white text looks on a background with the Decimal color 16717836.

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
16717836

Protanopia
9601572

Deuteranopia
10713856



Tritanopia
16717835

Trichromacy



Original Color
16717836

Protanomaly
12213019

Deuteranomaly
12867332

Tritanomaly
16717835

Monochromacy



Original Color
16717836

Achromatopsia
6052956

Achromatomaly
9913151

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16717836 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 #FF180C looks like.

```
.text, #text, p{  
  color:#FF180C  
}
```

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 #FF180C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF180C
}
```

Border

The CSS property to change the border of an element to Decimal 16717836 is called "border". The border property can be set on classes, ids or directly on the HTML element.

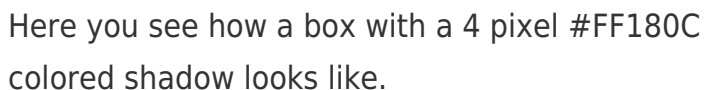
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF180C }
```

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

```
.border{ border-color:#FF180C }
```

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



Here you see how a box with a 4 pixel #FF180C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF180C; -webkit-box-shadow:4px 4px  
4px 4px #FF180C; box-shadow:4px 4px 4px  
4px #FF180C }
```

Background

The CSS property to change the background color of an element to Decimal 16717836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF180C }
```

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

```
.background{ background-color:#FF180C }
```

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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