

Converting Colors

Decimal(16715013)

Have a look what the booklet for
Decimal(16715013) contains.

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Color

Decimal(16715013)

Conversions

Conversions Part 1

Format	Color
Hex	FF0D05
RGB	255, 13, 5
RGB Percent	100%, 5%, 2%
CMY	0.0000, 0.9490, 0.9804
CMYK	0.00, 0.95, 0.98, 0.00
HSL	2°, 100%, 51%
HSV	2°, 98%, 100%
XYZ	41.4113, 21.5588, 2.1222
YIQ	84.4460, 146.8000, 48.8160

Conversions

Conversions Part 2

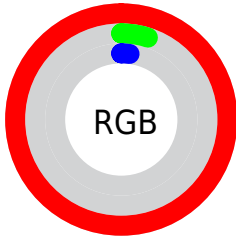
Format	Color
RYB	255, 13, 5
Decimal	16715013
CIELab	53.56, 79.24, 66.10
CIElCh	54, 103.191, 39.834
Yxy	21.5588, 0.6362, 0.3312
Android (android.graphics.Color)	4294905093 (0xFFFF0D05)
YUV	84.4460, -39.1669, 149.5759
Hunter-Lab	46.4315, 77.9456, 29.7921

Details

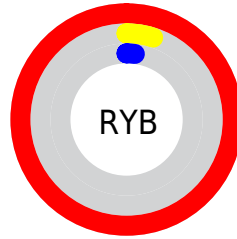
The Decimal color **16715013** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **391167**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **16737086**, and **12255232** is the 20% darker color. If you saturate the color by 10%, you get **16713728**, and if you desaturate by 10%, it is **16721439**.

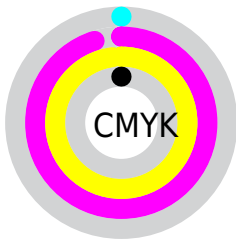
Distribution



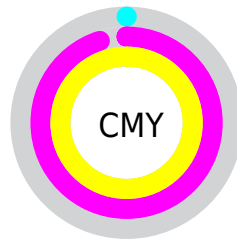
- Red (100%)
- Green (5%)
- Blue (2%)



- Red (100%)
- Yellow (5%)
- Blue (2%)



- Cyan (0%)
- Magenta (95%)
- Yellow (98%)
- Black (0%)



- Cyan (0%)
- Magenta (95%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16715013 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 16715013 by changing the saturation by 10% instead.

 16715013

 16715013

16777212

 14483456

 16737086

 12255232

 16745047

 10092544

 16753009

 7929857

 16760716

 5898243

 16768423

 3866626

 16776387

 1245184

 16777183

 0

 16715013

 16715013

■ 16713728

■ 16721439

■ 16727608

■ 16734034

■ 16740459

■ 16746629

■ 16753054

■ 16759480

■ 16765649

■ 16772075

Harmonies

Analogous

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



16711784



16715013



13329408

Triad

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



16715013



40764



34047

Complementary

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



16715013



391167

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



16715013



41628

Square

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



16715013



38656



41714



10376447

Rectangle

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



16715013



10255616



41714



36607

Sweetspot

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



16715013



16758709



16713211



8410195



0



8421504

Same Dimension

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



16715013



16713728



16745989



8418163



12518912



4194816

Inverse Universe

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



391167



63487



360191



7569280



47551



15936

Previews

White Background



This preview shows how the Decimal color 16715013 looks on a white background.

Color Contrast Check

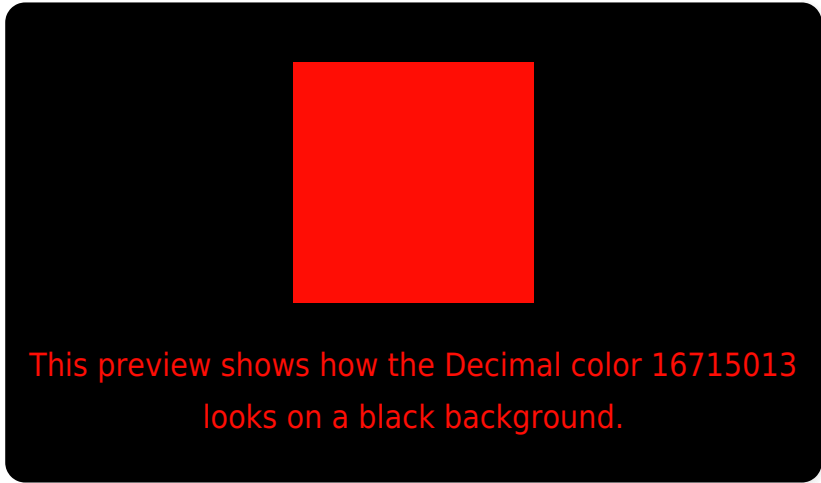
Large Text (above 18pt) WCAG AA ✓ Pass

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 16715013 Background



This preview shows how black text looks on a background with the Decimal color 16715013.



This preview shows how white text looks on a background with the Decimal color 16715013.

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
16715013

Protanopia
9535777

Deuteranopia
10648064



Tritanopia
16652032

Trichromacy



Original Color
16715013



Protanomaly
12146455



Deuteranomaly
12866050



Tritanomaly
16651010

Monochromacy



Original Color
16715013



Achromatopsia
5526612



Achromatomaly
9583159

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16715013 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 #FF0D05 looks like.

```
.text, #text, p{  
    color:#FF0D05  
}
```

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 #FF0D05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF0D05
}
```

Border

The CSS property to change the border of an element to Decimal 16715013 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".

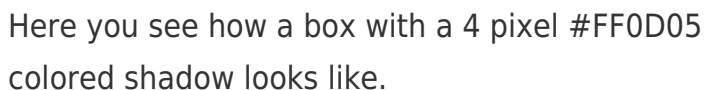
```
.border, #border, table{ border:4px solid
#FF0D05 }
```

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

```
.border{ border-color:#FF0D05 }
```

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

Here you see how a box with a 4 pixel #FF0D05 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF0D05; -webkit-box-shadow:4px 4px  
4px 4px #FF0D05; box-shadow:4px 4px 4px  
4px #FF0D05 }
```

Background

The CSS property to change the background color of an element to Decimal 16715013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF0D05 }
```

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

```
.background{ background-color:#FF0D05 }
```

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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