

Converting Colors

Decimal(16585216)

Have a look what the booklet for
Decimal(16585216) contains.

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Color

Decimal(16585216)

Conversions

Conversions Part 1

Format	Color
Hex	FD1200
RGB	253, 18, 0
RGB Percent	99%, 7%, 0%
CMY	0.0078, 0.9294, 1.0000
CMYK	0.00, 0.93, 1.00, 0.01
HSL	4°, 100%, 50%
HSV	4°, 100%, 99%
XYZ	40.7243, 21.3153, 1.9678
YIQ	86.2130, 145.8380, 44.2220

Conversions

Conversions Part 2

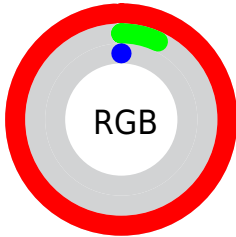
Format	Color
R_{YB}	253, 19, 0
Decimal	16585216
CIE Lab	53.29, 78.27, 66.98
CIE LCh	53, 103.018, 40.559
Yxy	21.3153, 0.6362, 0.3330
Android (android.graphics.Color)	4294775296 (0xFFFD1200)
YUV	86.2130, -42.5030, 146.2722
Hunter-Lab	46.1685, 76.6567, 29.7908

Details

The Decimal color **16585216** 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 **60413**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **16737339**, and **12124160** is the 20% darker color. If you saturate the color by 10%, you get **16585216**, and if you desaturate by 10%, it is **16591385**.

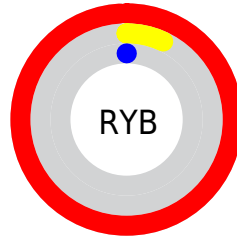
Distribution



Red (99%)

Green (7%)

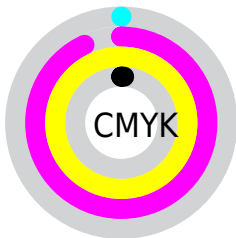
Blue (0%)



Red (99%)

Yellow (7%)

Blue (0%)

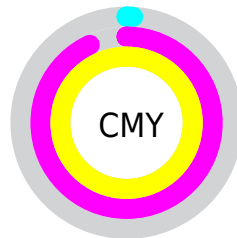


Cyan (0%)

Magenta (93%)

Yellow (100%)

Black (1%)



Cyan (1%)










Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16585216 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 16585216 by changing the saturation by 10% instead.

 16585216	 16585216
 16777209	 14352384
 16737339	 12124160
 16745301	 9961472
 16753006	 7798785
 16760713	 5767171
 16768676	 3735554
 16776384	 983040
 16777180	 0

 16585216

 16591385

 16597299

 16603468

 16609381

 16615551

 16621464

 16627633

 16633546

 16639716

Harmonies

Analogous

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



16711781



16585216



13198336

Triad

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



16585216



40510



33535

Complementary

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



16585216



60413

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



16585216



41374

Square

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



16585216



38656



41459



10506751

Rectangle

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



16585216



10124544



41459



36095

Sweetspot

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



16585216



16758963



16580844



8410450



0



8421504

Same Dimension

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



16585216



16716288



16617216



8418419



12520960



4195584

Inverse Universe

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



60413



60927



28413



7569280



45759



15168

Previews

White Background



This preview shows how the Decimal color 16585216 looks on a white background.

Color Contrast Check

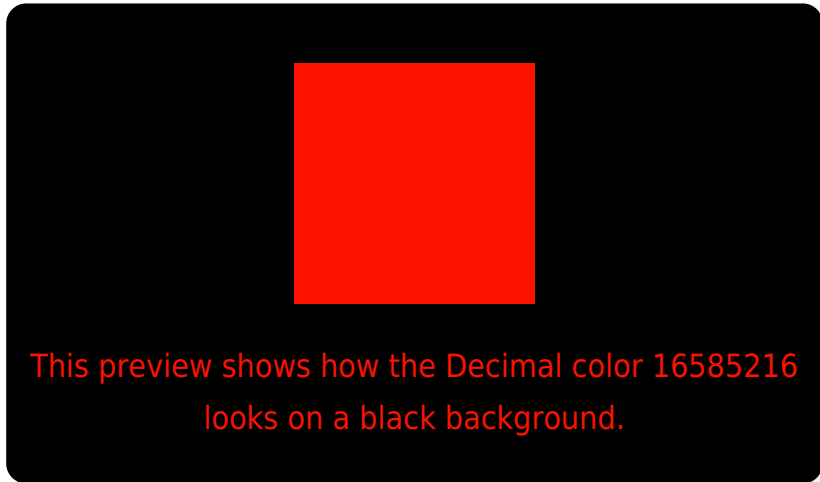
Large Text (above 18pt) WCAG AA ✓ Pass

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 16585216 Background



This preview shows how black text looks on a background with the Decimal color 16585216.

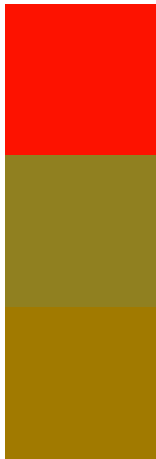


This preview shows how white text looks on a background with the Decimal color 16585216.

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
16585216

Protanopia
9469984

Deuteranopia
10582528



Tritanopia
16520960

Trichromacy



Original Color
16585216



Protanomaly
12081172



Deuteranomaly
12735488



Tritanomaly
16520448

Monochromacy



Original Color
16585216



Achromatopsia
5658198



Achromatomaly
9649463

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16585216 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 #FD1200 looks like.

```
.text, #text, p{  
  color:#FD1200  
}
```

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 #FD1200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD1200
}
```

Border

The CSS property to change the border of an element to Decimal 16585216 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".

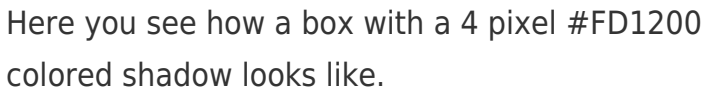
```
.border, #border, table{ border:4px solid
#FD1200 }
```

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

```
.border{ border-color:#FD1200 }
```

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

Here you see how a box with a 4 pixel #FD1200 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD1200; -webkit-box-shadow:4px 4px  
4px 4px #FD1200; box-shadow:4px 4px 4px  
4px #FD1200 }
```

Background

The CSS property to change the background color of an element to Decimal 16585216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD1200 }
```

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

```
.background{ background-color:#FD1200 }
```

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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