

Converting Colors

Decimal(16203537)

Have a look what the booklet for
Decimal(16203537) contains.

Decimal(16203537)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(16203537)

Conversions

Conversions Part 1

Format	Color
Hex	F73F11
RGB	247, 63, 17
RGB Percent	97%, 25%, 7%
CMY	0.0314, 0.7529, 0.9333
CMYK	0.00, 0.74, 0.93, 0.03
HSL	12°, 93%, 52%
HSV	12°, 93%, 97%
XYZ	40.2365, 23.3696, 2.9204
YIQ	112.7720, 124.4300, 24.7020

Conversions

Conversions Part 2

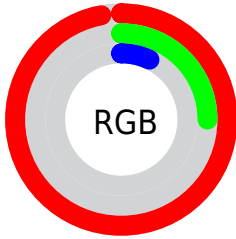
Format	Color
R_{YB}	247, 75, 17
Decimal	16203537
CIE Lab	55.45, 67.45, 63.32
CIE LCh	55, 92.519, 43.192
Yxy	23.3696, 0.6048, 0.3513
Android (android.graphics.Color)	4294393617 (0xFFFF73F11)
YUV	112.7720, -47.2156, 117.7180
Hunter-Lab	48.3422, 63.9715, 30.2577

Details

The Decimal color **16203537** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **1165815**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **16743239**, and **11862016** is the 20% darker color. If you saturate the color by 10%, you get **16199936**, and if you desaturate by 10%, it is **16208682**.

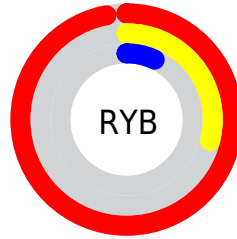
Distribution



Red (97%)

Green (25%)

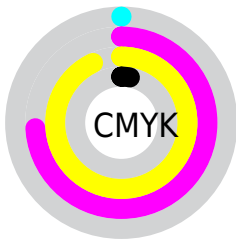
Blue (7%)



Red (97%)

Yellow (29%)

Blue (7%)

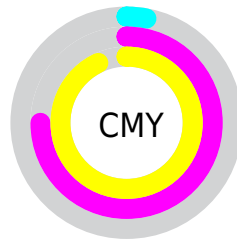


Cyan (0%)

Magenta (74%)

Yellow (93%)

Black (3%)



Cyan (3%)

Magenta (75%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16203537 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 16203537 by changing the saturation by 10% instead.

 16203537	 16203537
16777215	 14030848
 16743239	 11862016
 16750688	 9699328
 16758138	 7602176
 16765845	 5570562
 16773553	 3670018
 16777165	 786432
 16777193	 0
 16203537	 16203537

16199936

16208682

16213826

16218715

16223860

16229005

16234149

16239038

16244183

16249327

Harmonies

Analogous

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



16711782



16203537



13004800

Triad

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



16203537



41811



34047

Complementary

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



16203537



1165815

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



16203537



42664

Square

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



16203537



39936



42226



11557372

Rectangle

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



16203537



10126592



42226



36607

Sweetspot

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



16203537



16762552



16191945



8412500



0



8421504

Same Dimension

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



16203537



16724736



16232977



8024430



12199168



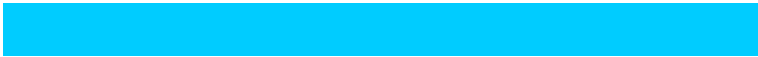
3869696

Inverse Universe

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



1165815



52479



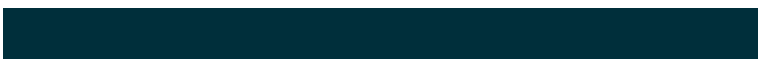
1136375



7239802



38330



12091

Previews

White Background



This preview shows how the Decimal color 16203537 looks on a white background.

Color Contrast Check

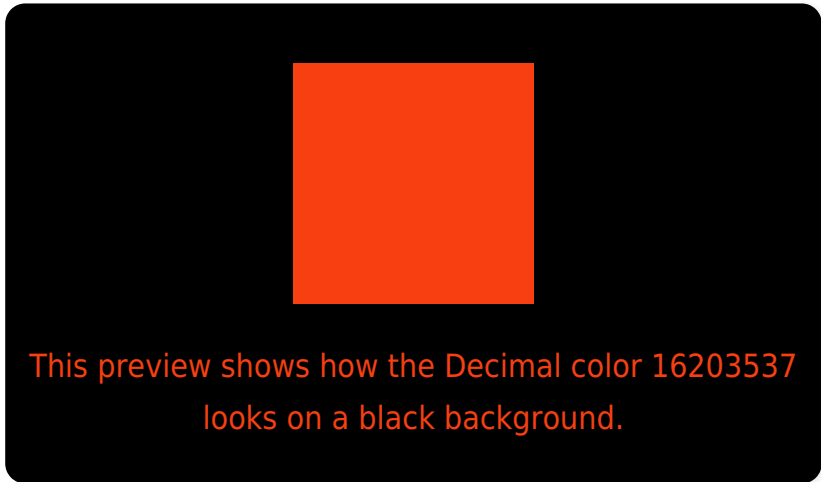
Large Text (above 18pt) WCAG AA ✓ Pass

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 16203537 Background



This preview shows how black text looks on a background with the Decimal color 16203537.



This preview shows how white text looks on a background with the Decimal color 16203537.

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
16203537

Protanopia
9864739

Deuteranopia
11042304

Trichromacy



Original Color
16203537

Protanomaly
12151836

Deuteranomaly
12936966

Tritanomaly
16268333

Monochromacy



Original Color
16203537

Achromatopsia
7434609

Achromatomaly
10641230

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16203537 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 #F73F11 looks like.

```
.text, #text, p{  
    color:#F73F11  
}
```

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 #F73F11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F73F11
}
```

Border

The CSS property to change the border of an element to Decimal 16203537 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
#F73F11 }
```

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

```
.border{ border-color:#F73F11 }
```

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

Here you see how a box with a 4 pixel #F73F11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F73F11; -webkit-box-shadow:4px 4px  
4px 4px #F73F11; box-shadow:4px 4px 4px  
4px #F73F11 }
```

Background

The CSS property to change the background color of an element to Decimal 16203537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F73F11 }
```

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

```
.background{ background-color:#F73F11 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor