

Converting Colors

Decimal(16596533)

Have a look what the booklet for
Decimal(16596533) contains.

Decimal(16596533)	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(16596533)

Conversions

Conversions Part 1

Format	Color
Hex	FD3E35
RGB	253, 62, 53
RGB Percent	99%, 24%, 21%
CMY	0.0078, 0.7569, 0.7922
CMYK	0.00, 0.75, 0.79, 0.01
HSL	3°, 98%, 60%
HSV	3°, 79%, 99%
XYZ	42.8732, 24.5849, 5.8539
YIQ	118.0830, 116.7250, 37.6930

Conversions

Conversions Part 2

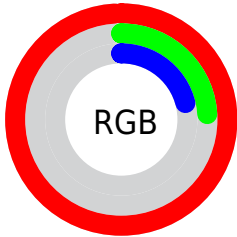
Format	Color
RYB	253, 62, 53
Decimal	16596533
CIELab	56.67, 70.23, 49.81
CIELCh	57, 86.100, 35.343
Yxy	24.5849, 0.5848, 0.3353
Android (android.graphics.Color)	4294786613 (0xFFFD3E35)
YUV	118.0830, -32.0859, 118.3222
Hunter-Lab	49.5832, 67.5735, 27.7084

Details

The Decimal color **16596533** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **3536125**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **16743525**, and **12255238** is the 20% darker color. If you saturate the color by 10%, you get **16590364**, and if you desaturate by 10%, it is **16602702**.

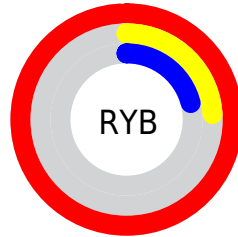
Distribution



Red (99%)

Green (24%)

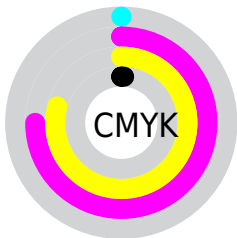
Blue (21%)



Red (99%)

Yellow (24%)

Blue (21%)

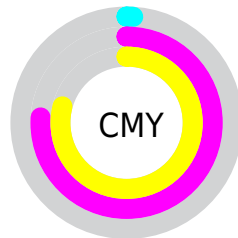


Cyan (0%)

Magenta (75%)

Yellow (79%)

Black (1%)



Cyan (1%)

Magenta (76%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16596533 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 16596533 by changing the saturation by 10% instead.

 16596533

 16596533


16777215

 14422814

 16743525

 12255238

 16750975

 10158080

 16758425

 8060928

 16766132

 5963778

 16773840

 4063235

 16777196

 1703937

 0

 16596533

 16596533

■ 16590364

■ 16602702

■ 16584194

■ 16608872

■ 16583424

■ 16615041

■ 16621466

■ 16627636

■ 16633805

■ 16639974

16646143

Harmonies

Analogous

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



16713854



16596533



13986560

Triad

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



16596533



42052



36607

Complementary

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



16596533



3536125

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.



41215



16596533



42900

Square

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



16596533



4627200



42974



9661695

Rectangle

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



16596533



11501824



42974



38399

Sweetspot

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



16596533



16762306



16594422



8412251



0



8421504

Same Dimension

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



16596533



16717837



16621621



8418163



12519680



4195072

Inverse Universe

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



3536125



914687



3511037



7569280



47039



15680

Previews

White Background



This preview shows how the Decimal color 16596533 looks on a white background.

Color Contrast Check

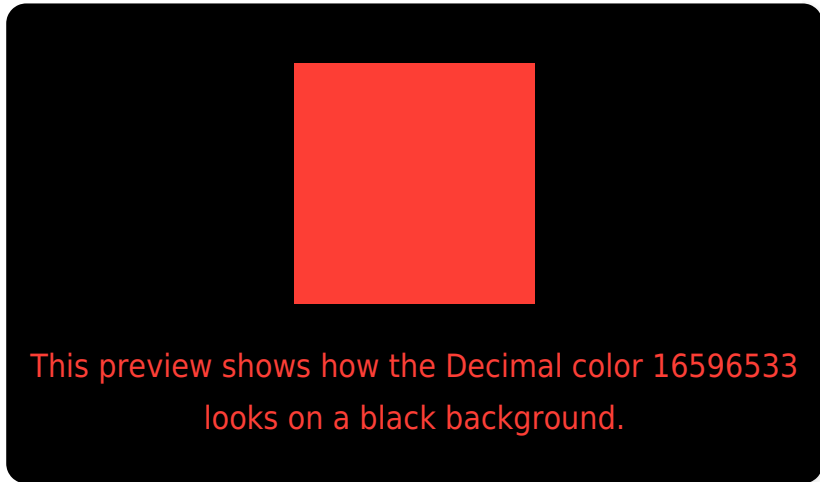
Large Text (above 18pt) WCAG AA ✓ Pass

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 16596533 Background



This preview shows how black text looks on a background with the Decimal color 16596533.



This preview shows how white text looks on a background with the Decimal color 16596533.

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





Tritanopia
16596286

Trichromacy



Original Color
16596533

Protanomaly
12283202

Deuteranomaly
13199659

Tritanomaly
16596283

Monochromacy



Original Color
16596533

Achromatopsia
7763574

Achromatomaly
10969694

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16596533 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 #FD3E35 looks like.

```
.text, #text, p{  
  color:#FD3E35  
}
```

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 #FD3E35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD3E35
}
```

Border

The CSS property to change the border of an element to Decimal 16596533 is called "border". The border property can be set on classes, ids or directly on the HTML element.

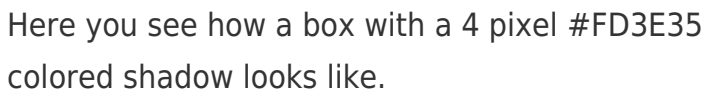
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FD3E35 }
```

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

```
.border{ border-color:#FD3E35 }
```

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



Here you see how a box with a 4 pixel `#FD3E35` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD3E35; -webkit-box-shadow:4px 4px  
4px 4px #FD3E35; box-shadow:4px 4px 4px  
4px #FD3E35 }
```

Background

The CSS property to change the background color of an element to Decimal 16596533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD3E35 }
```

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

```
.background{ background-color:#FD3E35 }
```

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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