

Converting Colors

Decimal(16003676)

Have a look what the booklet for
Decimal(16003676) contains.

Decimal(16003676)	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(16003676)

Conversions

Conversions Part 1

Format	Color
Hex	F4325C
RGB	244, 50, 92
RGB Percent	96%, 20%, 36%
CMY	0.0431, 0.8039, 0.6392
CMYK	0.00, 0.80, 0.62, 0.04
HSL	347°, 90%, 58%
HSV	347°, 80%, 96%
XYZ	40.3806, 22.2870, 12.2987
YIQ	112.7940, 102.1420, 54.1900

Conversions

Conversions Part 2

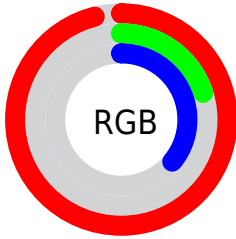
Format	Color
RYB	244, 50, 92
Decimal	16003676
CIELab	54.33, 72.73, 24.58
CIELCh	54, 76.773, 18.673
Yxy	22.2870, 0.5386, 0.2973
Android (android.graphics.Color)	4294193756 (0xFFFF4325C)
YUV	112.7940, -10.2514, 115.0677
Hunter-Lab	47.2091, 70.0651, 17.6004

Details

The Decimal color **16003676** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **3339466**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **16741262**, and **11796527** is the 20% darker color. If you saturate the color by 10%, you get **15997513**, and if you desaturate by 10%, it is **16009839**.

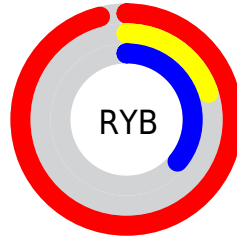
Distribution



Red (96%)

Green (20%)

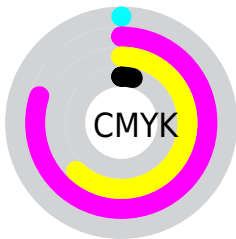
Blue (36%)



Red (96%)

Yellow (20%)

Blue (36%)

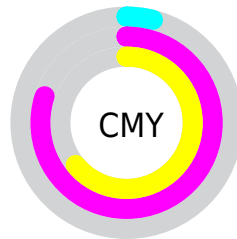


Cyan (0%)

Magenta (80%)

Yellow (62%)

Black (4%)



Cyan (4%)

Magenta (80%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16003676 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 16003676 by changing the saturation by 10% instead.

 16003676

 16003676

16777215

 13893701

 16741262

 11796527

 16748968

 9764891

 16756419

 7733248

 16764127

 5701635

 16771836

 3670018

 851968

 0

 16003676

 16003676

 15997513

 16009839

 15991094

 16016258

 15990837

 16022421

 16028840

 16035004

 16041167

 16047586

 16053749

 16056319

Harmonies

Analogous

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



15348638



16003676



14571034

Triad

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



16003676



38684



37375

Complementary

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



16003676



3339466

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.



40165



16003676



40294

Square

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



16003676



7768832



40875



3177727

Rectangle

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



16003676



12807168



40875



38654

Sweetspot

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



16003676



16761551



13251316



8412003



0



8421504

Same Dimension

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



16003676



16715073



16017714



8023665



12189736



3866637

Inverse Universe

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



16003676



16715073



3325428



8023665



12189736



3866637

Previews

White Background



This preview shows how the Decimal color 16003676 looks on a white background.

Color Contrast Check

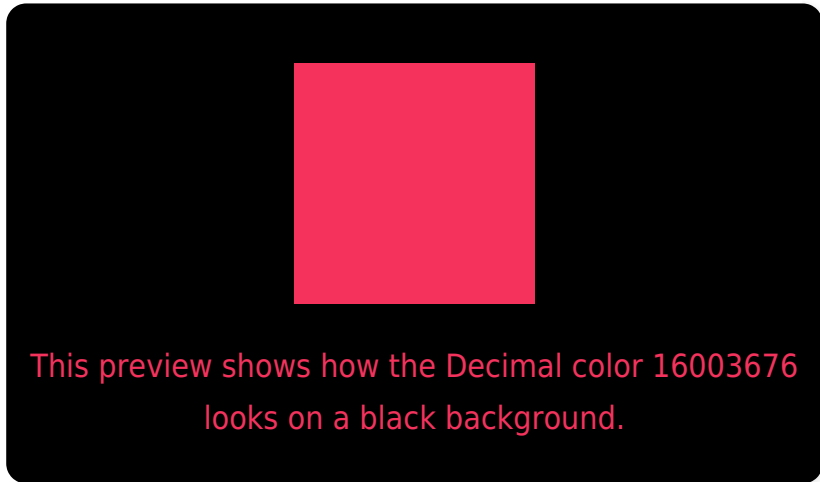
Large Text (above 18pt) WCAG AA ✓ Pass

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 16003676 Background



This preview shows how black text looks on a background with the Decimal color 16003676.

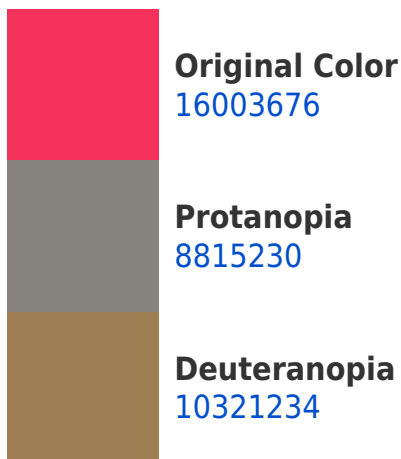


This preview shows how white text looks on a background with the Decimal color 16003676.

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](#).

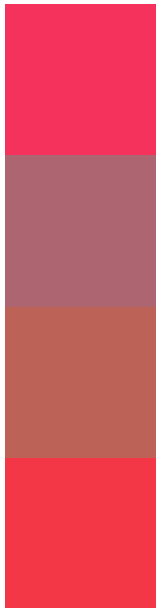
Dichromacy





Tritanopia
15940155

Trichromacy



Original Color
16003676

Protanomaly
11429234

Deuteranomaly
12411478

Tritanomaly
15939399

Monochromacy



Original Color
16003676

Achromatopsia
7434609

Achromatomaly
10574441

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16003676 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 #F4325C looks like.

```
.text, #text, p{  
    color:#F4325C  
}
```

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 #F4325C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4325C
}
```

Border

The CSS property to change the border of an element to Decimal 16003676 is called "border". The border property can be set on classes, ids or directly on the HTML element.

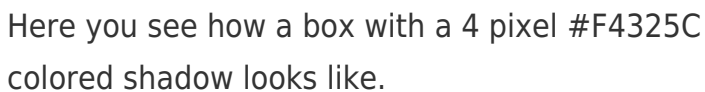
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F4325C }
```

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

```
.border{ border-color:#F4325C }
```

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



Here you see how a box with a 4 pixel #F4325C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4325C; -webkit-box-shadow:4px 4px  
4px 4px #F4325C; box-shadow:4px 4px 4px  
4px #F4325C }
```

Background

The CSS property to change the background color of an element to Decimal 16003676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4325C }
```

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

```
.background{ background-color:#F4325C }
```

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