

# Converting Colors

Decimal(16005164)

Have a look what the booklet for  
Decimal(16005164) contains.

<b>Decimal(16005164)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(16005164)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4382C
RGB	244, 56, 44
RGB Percent	96%, 22%, 17%
CMY	0.0431, 0.7804, 0.8275
CMYK	0.00, 0.77, 0.82, 0.04
HSL	4°, 90%, 56%
HSV	4°, 82%, 96%
XYZ	39.1770, 22.2433, 4.6114
YIQ	110.8440, 115.9000, 36.1240

# Conversions

## Conversions Part 2

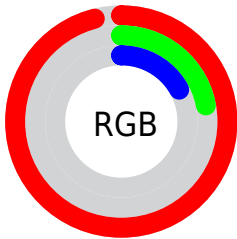
Format	Color
<a href="#">RYB</a>	244, 57, 44
Decimal	16005164
CIELab	54.28, 69.16, 51.47
CIELCh	54, 86.206, 36.656
Yxy	22.2433, 0.5933, 0.3369
Android (android.graphics.Color)	4294195244 (0xFFFF4382C)
YUV	110.8440, -32.9541, 116.7778
Hunter-Lab	47.1628, 65.7409, 27.2168

# Details

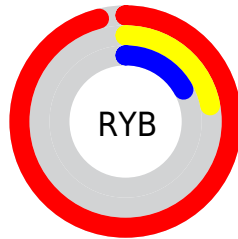
The Decimal color **16005164** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **2943220**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **16741980**, and **11665408** is the 20% darker color. If you saturate the color by 10%, you get **15999252**, and if you desaturate by 10%, it is **16011076**.

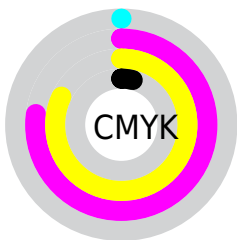
# Distribution



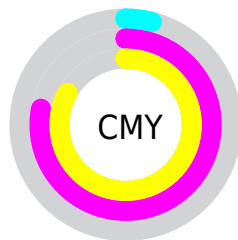
- Red (96%)
- Green (22%)
- Blue (17%)



- Red (96%)
- Yellow (22%)
- Blue (17%)



- Cyan (0%)
- Magenta (77%)
- Yellow (82%)
- Black (4%)



- Cyan (4%)
- Magenta (78%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16005164 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 16005164 by changing the saturation by 10% instead.



 16005164	 16005164
16777215	 13829652
 16741980	 11665408
 16749429	 9568256
 16757135	 7471104
 16764586	 5439490
 16772294	 3473410
 16777186	 262144
	 0
 16005164	 16005164

15999252

16011076

15994624

16016989

16022901

16028814

16034726

16040638

16046551

16052207

16056319

# Harmonies

## Analogous

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



16711797



16005164



13330176

# Triad

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



16005164



40258



34815

# Complementary

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



16005164



2943220

# 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.



39423



16005164



41361

# Square

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



16005164



3773696



41178



9594107

# Rectangle

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



16005164



10845184



41178



36863



# Sweetspot

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



16005164



16761791



16002282



8412249



0



8421504



# Same Dimension

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



16005164



16716805



16030252



8023918



12192512



3867648



# Inverse Universe

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



2943220



389375



2918132



7240314



44986



14139



# Previews

## White Background



This preview shows how the Decimal color 16005164 looks on a white background.

## Color Contrast Check

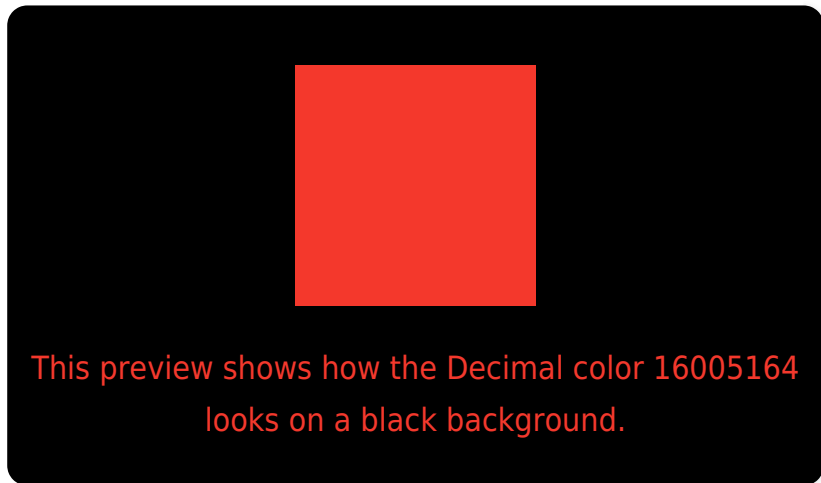
Large Text (above 18pt) WCAG AA ✓ Pass

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 16005164 Background



This preview shows how black text looks on a background with the Decimal color 16005164.



This preview shows how white text looks on a background with the Decimal color 16005164.

# 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**  
16005164

**Protanopia**  
9470528

**Deuteranopia**  
10779672



# Trichromacy



**Original Color**  
16005164

**Protanomaly**  
11822905

**Deuteranomaly**  
12673823

**Tritanomaly**  
16004915

# Monochromacy



**Original Color**  
16005164

**Achromatopsia**  
7303023

**Achromatomaly**  
10443607

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16005164 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 #F4382C looks like.

```
.text, #text, p{  
    color:#F4382C  
}
```

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 #F4382C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4382C
}
```

## Border

The CSS property to change the border of an element to Decimal 16005164 is called "border". The border property can be set on classes, ids or directly on the HTML element.

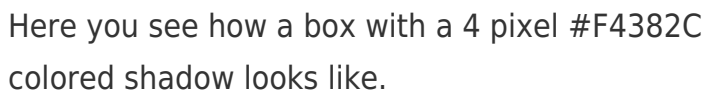
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F4382C }
```

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

```
.border{ border-color:#F4382C }
```

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



Here you see how a box with a 4 pixel #F4382C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4382C; -webkit-box-shadow:4px 4px  
4px 4px #F4382C; box-shadow:4px 4px 4px  
4px #F4382C }
```

# Background

The CSS property to change the background color of an element to Decimal 16005164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4382C }
```

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

```
.background{ background-color:#F4382C }
```

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