

Converting Colors

Decimal(16197434)

Have a look what the booklet for
Decimal(16197434) contains.

Decimal(16197434)	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(16197434)

Conversions

Conversions Part 1

Format	Color
Hex	F7273A
RGB	247, 39, 58
RGB Percent	97%, 15%, 23%
CMY	0.0314, 0.8471, 0.7725
CMYK	0.00, 0.84, 0.77, 0.03
HSL	355°, 93%, 56%
HSV	355°, 84%, 97%
XYZ	39.8470, 21.5307, 6.0587
YIQ	103.3580, 117.8690, 50.0050

Conversions

Conversions Part 2

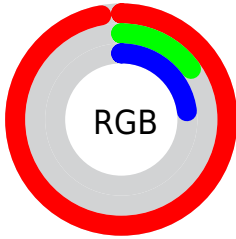
Format	Color
R_{YB}	247, 39, 58
Decimal	16197434
CIE Lab	53.53, 74.54, 43.52
CIE LCh	54, 86.311, 30.278
Yxy	21.5307, 0.5909, 0.3193
Android (android.graphics.Color)	4294387514 (0xFFFF7273A)
YUV	103.3580, -22.3615, 125.9740
Hunter-Lab	46.4012, 72.0849, 24.7393

Details

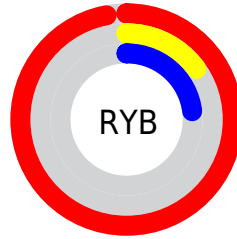
The Decimal color **16197434** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **2619364**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **16739434**, and **11862031** is the 20% darker color. If you saturate the color by 10%, you get **16191012**, and if you desaturate by 10%, it is **16203856**.

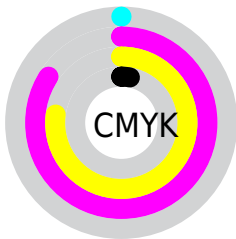
Distribution



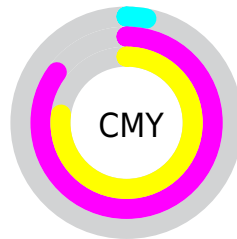
- Red (97%)
- Green (15%)
- Blue (23%)



- Red (97%)
- Yellow (15%)
- Blue (23%)



- Cyan (0%)
- Magenta (84%)
- Yellow (77%)
- Black (3%)



- Cyan (3%)
- Magenta (85%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16197434 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 16197434 by changing the saturation by 10% instead.

 16197434	 16197434
16777215	 14024740
 16739434	 11862031
 16747139	 9764864
 16754845	 7667712
 16762552	 5636099
 16770260	 3604482
 16777201	 589824
	 0
 16197434	 16197434

 16191012

 16203856

 16187415

 16210023

 16216445

 16222868

 16229290

 16235457

 16241879

 16248302

 16252927

Harmonies

Analogous

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



16515203



16197434



13851904

Triad

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



16197434



39469



35583

Complementary

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



16197434



2619364

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



16197434



40575

Square

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



16197434



5148672



40906



7433215

Rectangle

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



16197434



11498496



40906



37375

Sweetspot

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



16197434



16760773



14821367



8411485



0



8421504

Same Dimension

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



16197434



16711703



16218663



8023663



12189713



3866629

Inverse Universe

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



16197434



16711703



2598135



8023663



12189713



3866629

Previews

White Background



This preview shows how the Decimal color 16197434 looks on a white background.

Color Contrast Check

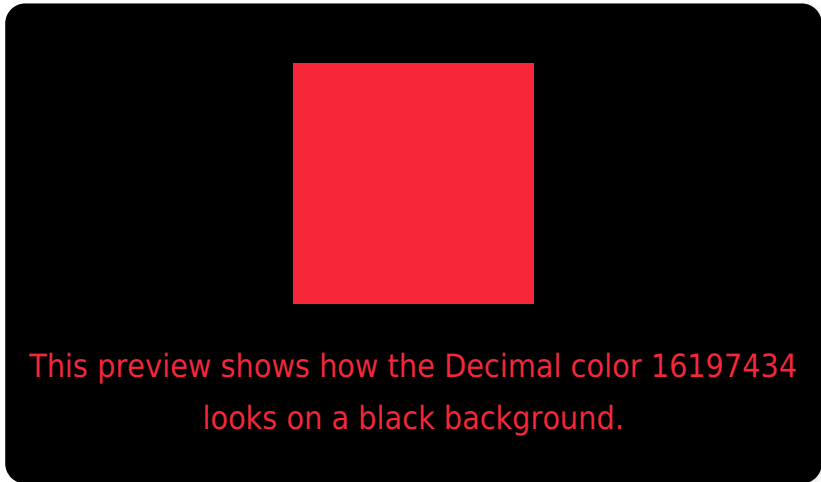
Large Text (above 18pt) WCAG AA ✓ Pass

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 16197434 Background



This preview shows how black text looks on a background with the Decimal color 16197434.



This preview shows how white text looks on a background with the Decimal color 16197434.

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
16198185

Trichromacy



Original Color
16197434

Protanomaly
11690059

Deuteranomaly
12606513

Tritanomaly
16197935

Monochromacy



Original Color
16197434

Achromatopsia
6776679

Achromatomaly
10178647

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16197434 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 #F7273A looks like.

```
.text, #text, p{  
    color:#F7273A  
}
```

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 #F7273A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7273A
}
```

Border

The CSS property to change the border of an element to Decimal 16197434 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
#F7273A }
```

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

```
.border{ border-color:#F7273A }
```

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

Here you see how a box with a 4 pixel #F7273A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7273A; -webkit-box-shadow:4px 4px  
4px 4px #F7273A; box-shadow:4px 4px 4px  
4px #F7273A }
```

Background

The CSS property to change the background color of an element to Decimal 16197434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7273A }
```

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

```
.background{ background-color:#F7273A }
```

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