

Converting Colors

Decimal(16646195)

Have a look what the booklet for
Decimal(16646195) contains.

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Color

Decimal(16646195)

Conversions

Conversions Part 1

Format	Color
Hex	FE0033
RGB	254, 0, 51
RGB Percent	100%, 0%, 20%
CMY	0.0039, 1.0000, 0.8000
CMYK	0.00, 1.00, 0.80, 0.00
HSL	348°, 100%, 50%
HSV	348°, 100%, 100%
XYZ	41.4706, 21.3098, 5.0594
YIQ	81.7600, 135.0130, 69.7090

Conversions

Conversions Part 2

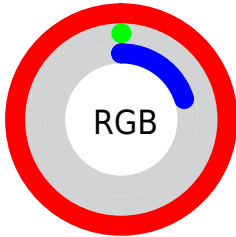
Format	Color
R_YB	254, 0, 51
Decimal	16646195
CIE _{Lab}	53.29, 80.58, 47.56
CIE _{LCh}	53, 93.568, 30.549
Yxy	21.3098, 0.6113, 0.3141
Android (android.graphics.Color)	4294836275 (0xFFFE0033)
YUV	81.7600, -15.1647, 151.0545
Hunter-Lab	46.1626, 79.5726, 25.8156

Details

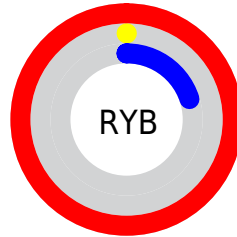
The Decimal color **16646195** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **65227**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **16736610**, and **12255239** is the 20% darker color. If you saturate the color by 10%, you get **16646195**, and if you desaturate by 10%, it is **16652615**.

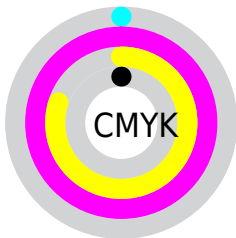
Distribution



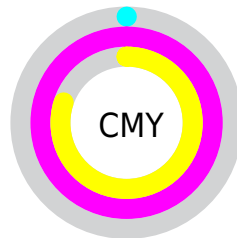
- Red (100%)
- Green (0%)
- Blue (20%)



- Red (100%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (80%)
- Black (0%)





- Cyan (0%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16646195 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 16646195 by changing the saturation by 10% instead.

 16646195	 16646195
 16777215	 14483485
 16736610	 12255239
 16744827	 10092544
 16752533	 7995394
 16760496	 5898244
 16768204	 3866626
 16776168	 1310720
	 0

 16646195

 16652615

 16659292

 16665712

 16672388

 16678808

 16685229

 16691905

 16698325

 16705002

Harmonies

Analogous

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



16711810



16646195



14112768

Triad

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



16646195



39716



35839

Complementary

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



16646195



65227

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



16646195



40831

Square

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



16646195



4493568



41168



7170303

Rectangle

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



16646195



11563776



41168



37631

Sweetspot

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



16646195



16757698



13041918



8409691



0



8421504

Same Dimension

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



16646195



16711731



16664576



8418165



12517414



4194317

Inverse Universe

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



16646195



16711731



46846



8418165



12517414



4194317

Previews

White Background



This preview shows how the Decimal color 16646195 looks on a white background.

Color Contrast Check

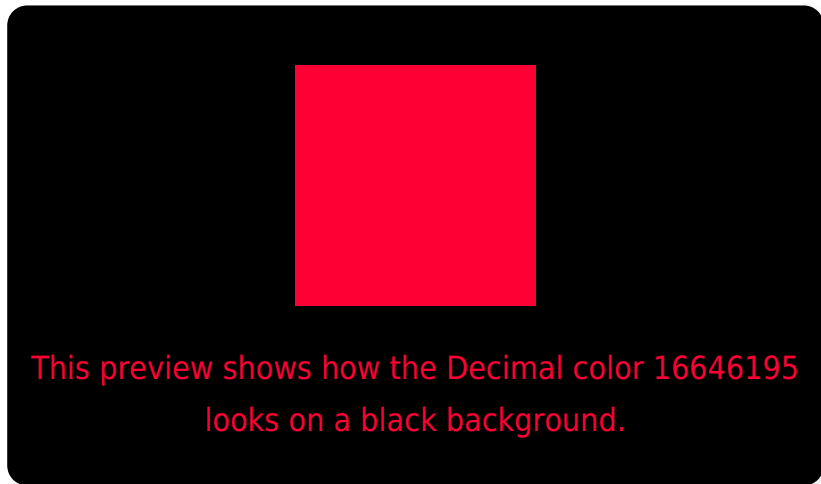
Large Text (above 18pt) WCAG AA ✓ Pass

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 16646195 Background



This preview shows how black text looks on a background with the Decimal color 16646195.



This preview shows how white text looks on a background with the Decimal color 16646195.

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
16646195

Protanopia
9208143

Deuteranopia
10648096



Tritanopia
16586240

Trichromacy



Original Color
16646195



Protanomaly
11883077



Deuteranomaly
12799527



Tritanomaly
16584211

Monochromacy



Original Color
16646195



Achromatopsia
5395026



Achromatomaly
9516103

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16646195 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 #FE0033 looks like.

```
.text, #text, p{  
    color:#FE0033  
}
```

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 #FE0033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE0033
}
```

Border

The CSS property to change the border of an element to Decimal 16646195 is called "border". The border property can be set on classes, ids or directly on the HTML element.

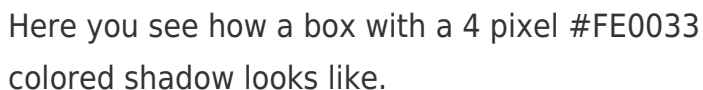
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FE0033 }
```

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

```
.border{ border-color:#FE0033 }
```

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



Here you see how a box with a 4 pixel `#FE0033` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE0033; -webkit-box-shadow:4px 4px  
4px 4px #FE0033; box-shadow:4px 4px 4px  
4px #FE0033 }
```

Background

The CSS property to change the background color of an element to Decimal 16646195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE0033 }
```

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

```
.background{ background-color:#FE0033 }
```

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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