

Converting Colors

Decimal(16646656)

Have a look what the booklet for
Decimal(16646656) contains.

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Color

Decimal(16646656)

Conversions

Conversions Part 1

Format	Color
Hex	FE0200
RGB	254, 2, 0
RGB Percent	100%, 1%, 0%
CMY	0.0039, 0.9922, 1.0000
CMYK	0.00, 0.99, 1.00, 0.00
HSL	0°, 100%, 50%
HSV	0°, 100%, 100%
XYZ	40.8948, 21.1142, 1.9201
YIQ	77.1200, 150.8340, 52.8020

Conversions

Conversions Part 2

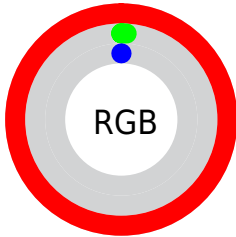
Format	Color
RYB	254, 2, 0
Decimal	16646656
CIELab	53.07, 79.73, 67.04
CIELCh	53, 104.170, 40.056
Yxy	21.1142, 0.6397, 0.3303
Android (android.graphics.Color)	4294836736 (0xFFFE0200)
YUV	77.1200, -38.0202, 155.1238
Hunter-Lab	45.9502, 78.4484, 29.6877

Details

The Decimal color **16646656** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **64766**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **16736571**, and **12189696** is the 20% darker color. If you saturate the color by 10%, you get **16646656**, and if you desaturate by 10%, it is **16653081**.

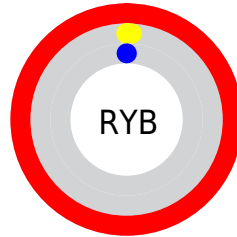
Distribution



Red (100%)

Green (1%)

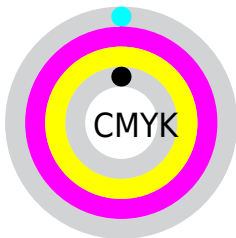
Blue (0%)



Red (100%)

Yellow (1%)

Blue (0%)

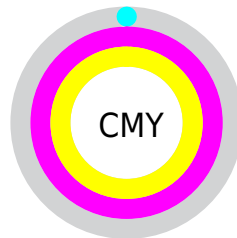


Cyan (0%)

Magenta (99%)

Yellow (100%)

Black (0%)



Cyan (0%)



















Magenta (99%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16646656 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 16646656 by changing the saturation by 10% instead.

 16646656	 16646656
 16777209	 14417920
 16736571	 12189696
 16744532	 10027008
 16752494	 7864321
 16760200	 5832708
 16767908	 3735554
 16775871	 1048576
 16777180	 0

 16646656

 16653081

 16659507

 16666188

 16672614

 16679039

 16685464

 16691890

 16698571

 16704997

Harmonies

Analogous

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



16711782



16646656



13263360

Triad

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



16646656



40507



33791

Complementary

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



16646656



64766

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.



39679



16646656



41372

Square

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



16646656



38400



41458



10310143

Rectangle

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



16646656



10124288



41458



36095

Sweetspot

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



16646656



16757683



16646398



8409682



0



8421504

Same Dimension

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



16646656



16712192



16678656



8418163



12517888



4194560

Inverse Universe

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



64766



65023



32766



7569280



48831



16192

Previews

White Background



This preview shows how the Decimal color 16646656 looks on a white background.

Color Contrast Check

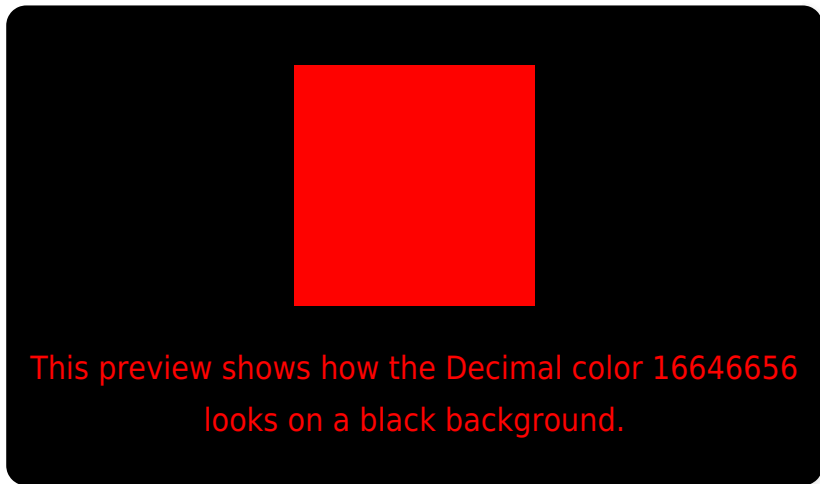
Large Text (above 18pt) WCAG AA ✓ Pass

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 16646656 Background



This preview shows how black text looks on a background with the Decimal color 16646656.



This preview shows how white text looks on a background with the Decimal color 16646656.

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
16646656

Protanopia
9469985

Deuteranopia
10582528



Tritanopia
16521216

Trichromacy



Original Color

16646656



Protanomaly

12079637



Deuteranomaly

12799488



Tritanomaly

16584704

Monochromacy



Original Color

16646656



Achromatopsia

5066061



Achromatomaly

9253425

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16646656 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 #FE0200 looks like.

```
.text, #text, p{  
    color:#FE0200  
}
```

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 #FE0200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE0200
}
```

Border

The CSS property to change the border of an element to Decimal 16646656 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".

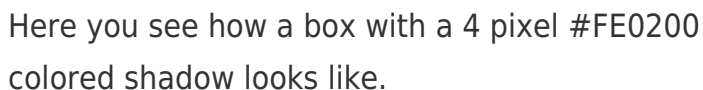
```
.border, #border, table{ border:4px solid
#FE0200 }
```

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

```
.border{ border-color:#FE0200 }
```

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

Here you see how a box with a 4 pixel #FE0200 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE0200; -webkit-box-shadow:4px 4px  
4px 4px #FE0200; box-shadow:4px 4px 4px  
4px #FE0200 }
```

Background

The CSS property to change the background color of an element to Decimal 16646656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE0200 }
```

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

```
.background{ background-color:#FE0200 }
```

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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