

Converting Colors

Decimal(15736455)

Have a look what the booklet for
Decimal(15736455) contains.

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Color

Decimal(15736455)

Conversions

Conversions Part 1

Format	Color
Hex	F01E87
RGB	240, 30, 135
RGB Percent	94%, 12%, 53%
CMY	0.0588, 0.8824, 0.4706
CMYK	0.00, 0.88, 0.44, 0.06
HSL	330°, 88%, 53%
HSV	330°, 88%, 94%
XYZ	40.7726, 21.2031, 24.8653
YIQ	104.7600, 91.4550, 77.1750

Conversions

Conversions Part 2

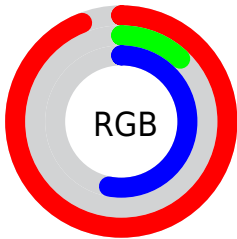
Format	Color
R_{YB}	240, 30, 135
Decimal	15736455
CIE _{Lab}	53.17, 78.94, -2.99
CIE _{LCh}	53, 78.997, 357.833
Yxy	21.2031, 0.4695, 0.2442
Android (android.graphics.Color)	4293926535 (0xFFFF01E87)
YUV	104.7600, 14.9083, 118.6055
Hunter-Lab	46.0468, 77.4728, 0.2161

Details

The Decimal color **15736455** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **2027655**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **16738748**, and **11665494** is the 20% darker color. If you saturate the color by 10%, you get **15730299**, and if you desaturate by 10%, it is **15742611**.

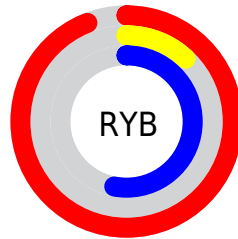
Distribution



Red (94%)

Green (12%)

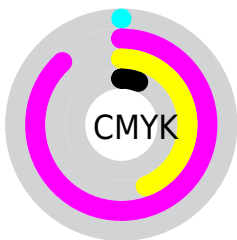
Blue (53%)



Red (94%)

Yellow (12%)

Blue (53%)

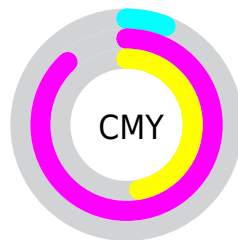


Cyan (0%)

Magenta (88%)

Yellow (44%)

Black (6%)



Cyan (6%)

Magenta (88%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15736455 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 15736455 by changing the saturation by 10% instead.

 15736455

 15736455

16777215

 13697134

 16738748

 11665494

 16746712

 9633855

 16754420

 7667753

 16762111

 5701653

 16769791

 3735554

 1048576

 0

 15736455

 15736455

■ 15730299

■ 15742611

■ 15728760

■ 15748767

■ 15754923

■ 15761079

■ 15767235

■ 15773391

■ 15779547

■ 15785703

■ 15791859

Harmonies

Analogous

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



13256649



15736455



15676228

Triad

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



15736455



5999872



38898

Complementary

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



15736455



2027655

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.



40125



15736455



38703

Square

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



15736455



10386176



39800



35583

Rectangle

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



15736455



14503957



39800



39651

Sweetspot

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



15736455



16760286



8855280



8411244



0



8421504

Same Dimension

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



15736455



16711808



15736350



7892082



12058716



3670044

Inverse Universe

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



15736455



16711808



2027760



7892082



12058716



3670044

Previews

White Background



This preview shows how the Decimal color 15736455 looks on a white background.

Color Contrast Check

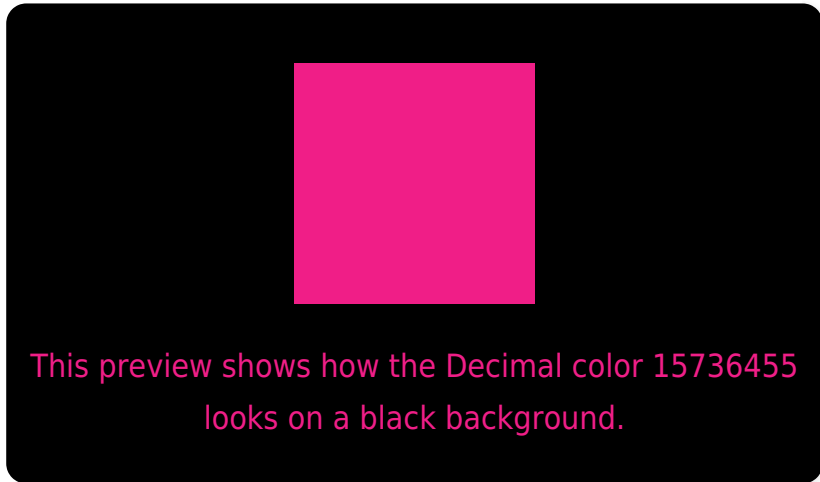
Large Text (above 18pt) WCAG AA ✓ Pass

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 15736455 Background



This preview shows how black text looks on a background with the Decimal color 15736455.




This preview shows how white text looks on a background with the Decimal color 15736455.

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
15481661

Trichromacy



Original Color
15736455



Protanomaly
10181546



Deuteranomaly
11622785



Tritanomaly
15544408

Monochromacy



Original Color
15736455



Achromatopsia
6908265



Achromatomaly
10112628

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15736455 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 #F01E87 looks like.

```
.text, #text, p{  
  color:#F01E87  
}
```

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 #F01E87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F01E87
}
```

Border

The CSS property to change the border of an element to Decimal 15736455 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
#F01E87 }
```

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

```
.border{ border-color:#F01E87 }
```

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

Here you see how a box with a 4 pixel #F01E87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F01E87; -webkit-box-shadow:4px 4px  
4px 4px #F01E87; box-shadow:4px 4px 4px  
4px #F01E87 }
```

Background

The CSS property to change the background color of an element to Decimal 15736455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F01E87 }
```

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

```
.background{ background-color:#F01E87 }
```

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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