

# Converting Colors

Decimal(15693506)

Have a look what the booklet for  
Decimal(15693506) contains.

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# **Color**

**Decimal(15693506)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EF76C2
RGB	239, 118, 194
RGB Percent	94%, 46%, 76%
CMY	0.0627, 0.5373, 0.2392
CMYK	0.00, 0.51, 0.19, 0.06
HSL	322°, 79%, 70%
HSV	322°, 51%, 94%
XYZ	51.8126, 35.2026, 55.1029
YIQ	162.8430, 47.7200, 49.2880

# Conversions

## Conversions Part 2

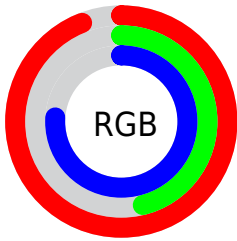
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	239, 118, 194
Decimal	15693506
CIE Lab	65.91, 55.40, -18.16
CIE LCh	66, 58.305, 341.849
Yxy	35.2026, 0.3646, 0.2477
Android (android.graphics.Color)	4293883586 (0xFFEF76C2)
YUV	162.8430, 15.3604, 66.7897
Hunter-Lab	59.3318, 52.0479, -13.5318

# Details

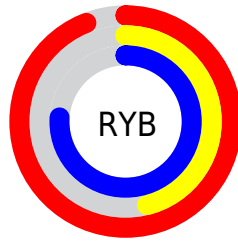
The Decimal color **15693506** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **7794595**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **16756475**, and **11812748** is the 20% darker color. If you saturate the color by 10%, you get **15687353**, and if you desaturate by 10%, it is **15699659**.

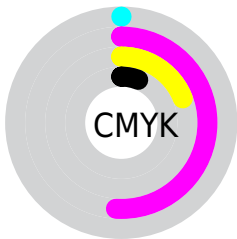
# Distribution



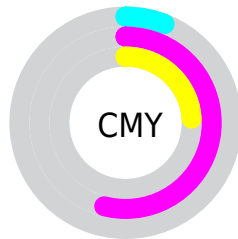
- Red (94%)
- Green (46%)
- Blue (76%)



- Red (94%)
- Yellow (46%)
- Blue (76%)



- Cyan (0%)
- Magenta (51%)
- Yellow (19%)
- Black (6%)



- Cyan (6%)
- Magenta (54%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15693506 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 15693506 by changing the saturation by 10% instead.



 15693506

 15693506

16777215

 13720487

 16756475

 11812748

 16763647

 9970035

 16771071

 8126554

 6357058

 4587564

 2949143

 0

 15693506

 15693506

 15687353

 15699659

 15681200

 15705812

 15675047

 15711965

 15668894

 15718118

 15663254

 15724014

 15728631

 15728639

# Harmonies

## Analogous

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



12487407



15693506



16740749

# Triad

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



15693506



11117617



47077

# Complementary

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



15693506



7794595

# 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.



47796



15693506



7319886

# Square

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



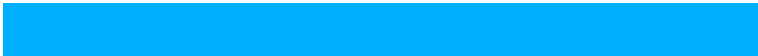
15693506



14127673



47230



45055

# Rectangle

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



15693506



16545900



47230



47574



# Sweetspot

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



15693506



16767473



10647279



8415607



0



8421504



# Same Dimension

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



15693506



16737221



15693446



7892083



12058739



3670051



# Inverse Universe

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



15693506



16737221



7794655



7892083



12058739



3670051



# Previews

## White Background



This preview shows how the Decimal color 15693506 looks on a white background.

## Color Contrast Check

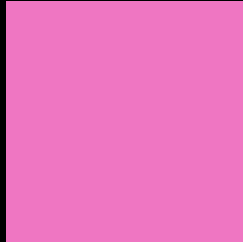
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 15693506 looks on a 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15693506 Background



This preview shows how black text looks on a background with the Decimal color 15693506.



This preview shows how white text looks on a background with the Decimal color 15693506.

# 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**  
15303307

# Trichromacy



**Original Color**  
15693506



**Protanomaly**  
11636692



**Deuteranomaly**  
12554174



**Tritanomaly**  
15433375

# Monochromacy



**Original Color**  
15693506



**Achromatopsia**  
10724259



**Achromatomaly**  
12555182

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15693506 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 #EF76C2 looks like.

```
.text, #text, p{  
    color:#EF76C2  
}
```

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 #EF76C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF76C2
}
```

## Border

The CSS property to change the border of an element to Decimal 15693506 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
#EF76C2 }
```

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

```
.border{ border-color:#EF76C2 }
```

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

Here you see how a box with a 4 pixel #EF76C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF76C2; -webkit-box-shadow:4px 4px  
4px 4px #EF76C2; box-shadow:4px 4px 4px  
4px #EF76C2 }
```

# Background

The CSS property to change the background color of an element to Decimal 15693506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF76C2 }
```

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

```
.background{ background-color:#EF76C2 }
```

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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