

# Converting Colors

Decimal(15406416)

Have a look what the booklet for  
Decimal(15406416) contains.

<b>Decimal(15406416)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(15406416)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB1550
RGB	235, 21, 80
RGB Percent	92%, 8%, 31%
CMY	0.0784, 0.9176, 0.6863
CMYK	0.00, 0.91, 0.66, 0.08
HSL	343°, 84%, 50%
HSV	343°, 91%, 92%
XYZ	35.9771, 18.7777, 9.3177
YIQ	91.7120, 108.6050, 63.7170

# Conversions

## Conversions Part 2

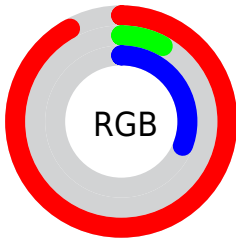
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	235, 21, 80
Decimal	15406416
CIE Lab	50.43, 75.37, 26.39
CIE LCh	50, 79.855, 19.300
Yxy	18.7777, 0.5615, 0.2931
Android (android.graphics.Color)	4293596496 (0xFFEB1550)
YUV	91.7120, -5.7740, 125.6636
Hunter-Lab	43.3332, 72.3651, 17.5845

# Details

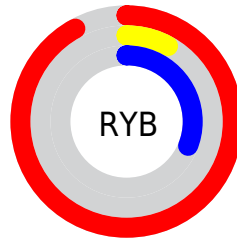
The Decimal color **15406416** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **1436592**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **16737153**, and **11206692** is the 20% darker color. If you saturate the color by 10%, you get **15401025**, and if you desaturate by 10%, it is **15412577**.

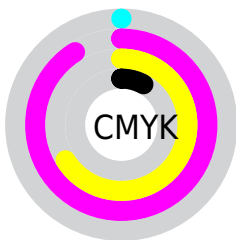
# Distribution



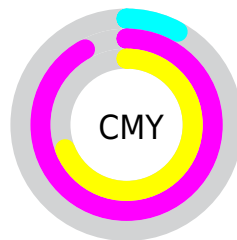
- Red (92%)
- Green (8%)
- Blue (31%)



- Red (92%)
- Yellow (8%)
- Blue (31%)



- Cyan (0%)
- Magenta (91%)
- Yellow (66%)
- Black (8%)



- Cyan (8%)
- Magenta (92%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15406416 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 15406416 by changing the saturation by 10% instead.



 15406416

 15406416

16777215

 13303865

 16737153

 11206692

 16744859

 9109521

 16752565

 7077890

 16760273

 5111812

 16767981

 3014658

 16775935

 0

 15406416

 15406416

 15401025

 15412577

 15418482

 15424643

 15430548

 15436709

 15442614

 15448775

 15454680

 15460841

# Harmonies

## Analogous

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



14816403



15406416



13912578

# Triad

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



15406416



36357



35071

# Complementary

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



15406416



1436592

# 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.



37599



15406416



37724

# Square

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



15406416



6914560



38307



94714

# Rectangle

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



15406416



12018176



38307



36089



# Sweetspot

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



15406416



16759501



11408875



8410978



0



8421504



# Same Dimension

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



15406416



16711750



15418133



7694957



11862066



3538959



# Inverse Universe

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



15406416



16711750



1424875



7694957



11862066



3538959



# Previews

## White Background



This preview shows how the Decimal color 15406416 looks on a white background.

## Color Contrast Check

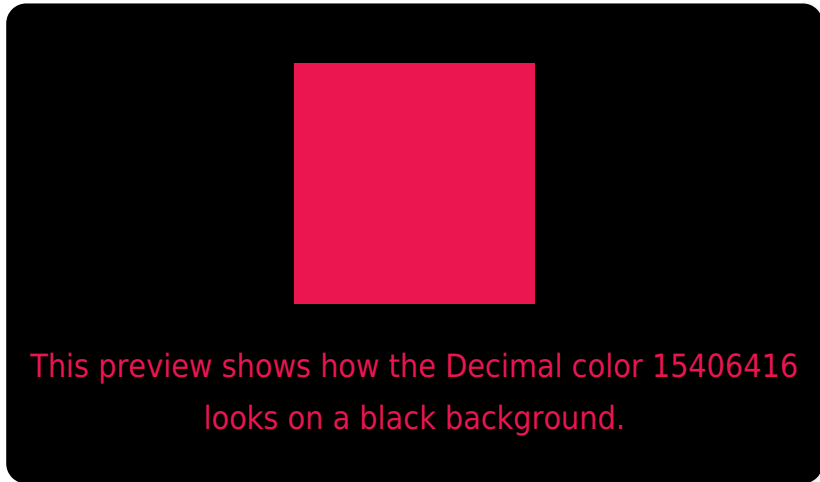
Large Text (above 18pt) WCAG AA ✓ Pass

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 15406416 Background



This preview shows how black text looks on a background with the Decimal color 15406416.

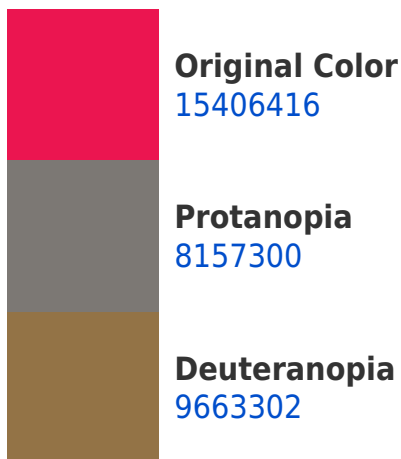


This preview shows how white text looks on a background with the Decimal color 15406416.

# 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](#).

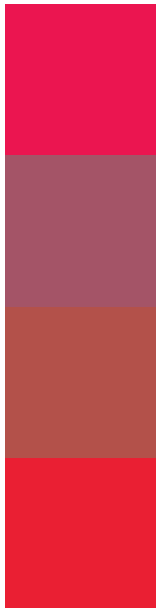
## Dichromacy





**Tritanopia**  
15344930

# Trichromacy



**Original Color**  
15406416

**Protanomaly**  
10769511

**Deuteranomaly**  
11751754

**Tritanomaly**  
15343411

# Monochromacy



**Original Color**  
15406416

**Achromatopsia**  
6052956

**Achromatomaly**  
9454168

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15406416 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 #EB1550 looks like.

```
.text, #text, p{  
    color:#EB1550  
}
```

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 #EB1550 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB1550
}
```

## Border

The CSS property to change the border of an element to Decimal 15406416 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
#EB1550 }
```

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

```
.border{ border-color:#EB1550 }
```

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

Here you see how a box with a 4 pixel #EB1550 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB1550; -webkit-box-shadow:4px 4px  
4px 4px #EB1550; box-shadow:4px 4px 4px  
4px #EB1550 }
```

# Background

The CSS property to change the background color of an element to Decimal 15406416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB1550 }
```

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

```
.background{ background-color:#EB1550 }
```

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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