

# Converting Colors

Decimal(15007836)

Have a look what the booklet for  
Decimal(15007836) contains.

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**Color**

**Decimal(15007836)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5005C
RGB	229, 0, 92
RGB Percent	90%, 0%, 36%
CMY	0.1020, 1.0000, 0.6392
CMYK	0.00, 1.00, 0.60, 0.10
HSL	336°, 100%, 45%
HSV	336°, 100%, 90%
XYZ	34.2449, 17.4307, 11.6848
YIQ	78.9590, 106.9520, 77.1600

# Conversions

## Conversions Part 2

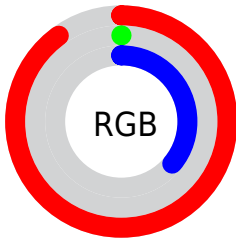
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	229, 0, 92
Decimal	15007836
CIE <sub>Lab</sub>	48.80, 76.48, 16.68
CIE <sub>LCh</sub>	49, 78.281, 12.302
Yxy	17.4307, 0.5405, 0.2751
Android (android.graphics.Color)	4293197916 (0xFFE5005C)
YUV	78.9590, 6.4292, 131.5860
Hunter-Lab	41.7501, 73.3491, 12.6313

# Details

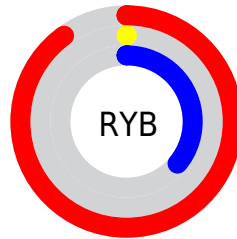
The Decimal color **15007836** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed red. A complement of this color would be **58761**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **16735630**, and **10879023** is the 20% darker color. If you saturate the color by 10%, you get **15007836**, and if you desaturate by 10%, it is **15013738**.

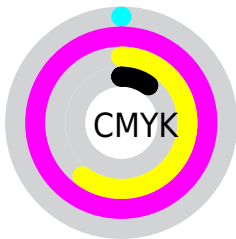
# Distribution



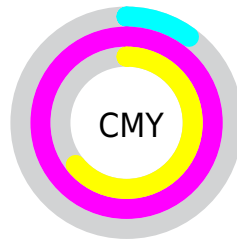
- Red (90%)
- Green (0%)
- Blue (36%)



- Red (90%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (100%)
- Yellow (60%)
- Black (10%)



- Cyan (10%)
- Magenta (100%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15007836 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 15007836 by changing the saturation by 10% instead.



 15007836

 15007836

16777215

 12910661

 16735630

 10879023

 16743592

 8781851

 16751299

 6750210

 16759007

 4849668

 16766716

 2686977

 16774399

 0

 15007836

 15013738

 15019639

 15025541

 15031443

 15037344

 15042990

 15048892

 15054794

 15060695

# Harmonies

## Analogous

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



13901982



15007836



13974554

# Triad

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



15007836



1476352



34804

# Complementary

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



15007836



58761

# 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.



36557



15007836



36169

# Square

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



15007836



7633408



37006



29944

# Rectangle

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



15007836



12343040



37006



35562



# Sweetspot

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



15007836



16757713



8782053



8409700



0



8421504



# Same Dimension

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



15007836



16711782



15012608



7563116



11731016



3342356



# Inverse Universe

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



15007836



16711782



53989



7563116



11731016



3342356



# Previews

## White Background



This preview shows how the Decimal color 15007836 looks on a white background.

## Color Contrast Check

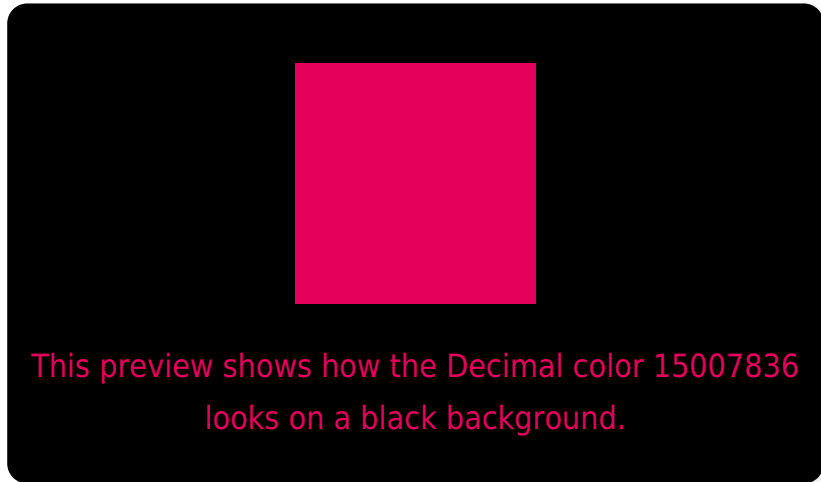
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Decimal 15007836 Background



This preview shows how black text looks on a background with the Decimal color 15007836.




This preview shows how white text looks on a background with the Decimal color 15007836.

# 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**  
14886179

# Trichromacy



**Original Color**  
15007836



**Protanomaly**  
10242679



**Deuteranomaly**  
11290710



**Tritanomaly**  
14948408

# Monochromacy



**Original Color**  
15007836



**Achromatopsia**  
5197647



**Achromatomaly**  
8794708

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15007836 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 #E5005C looks like.

```
.text, #text, p{  
  color:#E5005C  
}
```

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 #E5005C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5005C
}
```

## Border

The CSS property to change the border of an element to Decimal 15007836 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
#E5005C }
```

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

```
.border{ border-color:#E5005C }
```

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

Here you see how a box with a 4 pixel #E5005C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5005C; -webkit-box-shadow:4px 4px  
4px 4px #E5005C; box-shadow:4px 4px 4px  
4px #E5005C }
```

# Background

The CSS property to change the background color of an element to Decimal 15007836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5005C }
```

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

```
.background{ background-color:#E5005C }
```

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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