

# Converting Colors

Decimal(15007808)

Have a look what the booklet for  
Decimal(15007808) contains.

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**Color**

**Decimal(15007808)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E50040
RGB	229, 0, 64
RGB Percent	90%, 0%, 25%
CMY	0.1020, 1.0000, 0.7490
CMYK	0.00, 1.00, 0.72, 0.10
HSL	343°, 100%, 45%
HSV	343°, 100%, 90%
XYZ	33.2385, 17.0282, 6.3854
YIQ	75.7670, 115.9400, 68.4520

# Conversions

## Conversions Part 2

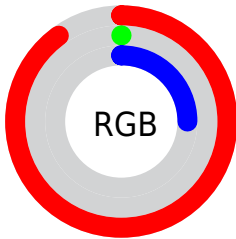
<b>Format</b>	<b>Color</b>
<b>RYB</b>	229, 0, 64
Decimal	15007808
CIELab	48.30, 75.13, 33.15
CIELCh	48, 82.119, 23.809
Yxy	17.0282, 0.5867, 0.3006
Android (android.graphics.Color)	4293197888 (0xFFE50040)
YUV	75.7670, -5.8011, 134.3853
Hunter-Lab	41.2652, 71.5650, 19.7111

# Details

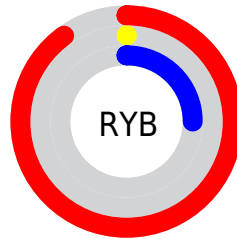
The Decimal color **15007808** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **58789**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **16735344**, and **10747926** is the 20% darker color. If you saturate the color by 10%, you get **15007808**, and if you desaturate by 10%, it is **15013713**.

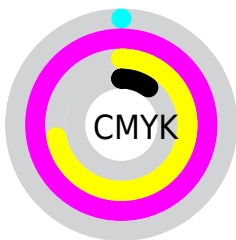
# Distribution



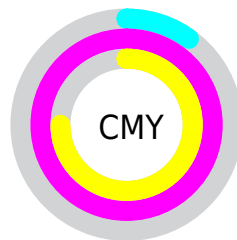
- Red (90%)
- Green (0%)
- Blue (25%)



- Red (90%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (72%)
- Black (10%)



- Cyan (10%)
- Magenta (100%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15007808 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 15007808 by changing the saturation by 10% instead.



 15007808

 15007808

16777215

 12910634

 16735344

 10747926

 16743305

 8716288

 16751011

 6619138

 16758718

 4653060

 16766170

 2490369

 16774134

 0

 15007808

 15013713

 15019617

 15025522

 15031426

 15037331

 15042979

 15048884

 15054788

 15060693

# Harmonies

## Analogous

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



14811268



15007808



13191168

# Triad

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



15007808



35085



33023

# Complementary

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



15007808



58789

# 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.



36067



15007808



36450

# Square

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



15007808



5668608



36777



3631092

# Rectangle

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



15007808



11165952



36777



34554



# Sweetspot

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



15007808



16757704



10748133



8409694



0



8421504



# Same Dimension

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



15007808



16711751



15020544



7563114



11730994



3342350



# Inverse Universe

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



15007808



16711751



46053



7563114



11730994



3342350



# Previews

## White Background



This preview shows how the Decimal color 15007808 looks on a white background.

## Color Contrast Check

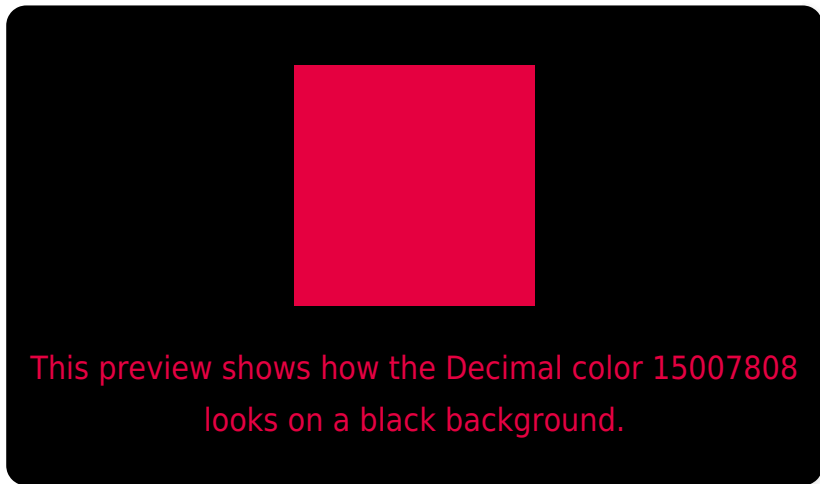
Large Text (above 18pt) WCAG AA ✓ Pass

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 15007808 Background



This preview shows how black text looks on a background with the Decimal color 15007808.

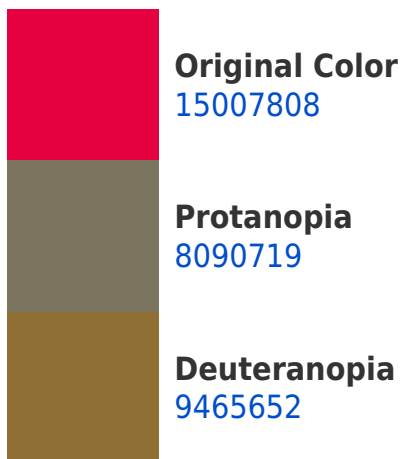


This preview shows how white text looks on a background with the Decimal color 15007808.

# 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**  
14948884

# Trichromacy



**Original Color**  
15007808



**Protanomaly**  
10635860



**Deuteranomaly**  
11487032



**Tritanomaly**  
14946596

# Monochromacy



**Original Color**  
15007808



**Achromatopsia**  
5000268



**Achromatomaly**  
8663112

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15007808 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 #E50040 looks like.

```
.text, #text, p{  
    color:#E50040  
}
```

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 #E50040 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E50040
}
```

## Border

The CSS property to change the border of an element to Decimal 15007808 is called "border". The border property can be set on classes, ids or directly on the HTML element.

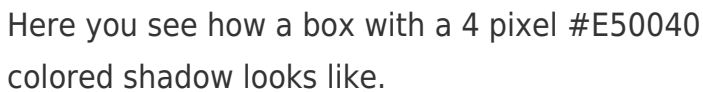
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E50040 }
```

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

```
.border{ border-color:#E50040 }
```

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



Here you see how a box with a 4 pixel #E50040 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E50040; -webkit-box-shadow:4px 4px  
4px 4px #E50040; box-shadow:4px 4px 4px  
4px #E50040 }
```

# Background

The CSS property to change the background color of an element to Decimal 15007808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E50040 }
```

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

```
.background{ background-color:#E50040 }
```

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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