

# Converting Colors

Decimal(15204403)

Have a look what the booklet for  
Decimal(15204403) contains.

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**Color**

**Decimal(15204403)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E80033
RGB	232, 0, 51
RGB Percent	91%, 0%, 20%
CMY	0.0902, 1.0000, 0.8000
CMYK	0.00, 1.00, 0.78, 0.09
HSL	347°, 100%, 45%
HSV	347°, 100%, 91%
XYZ	33.8763, 17.3948, 4.7040
YIQ	75.1820, 121.9010, 65.0450

# Conversions

## Conversions Part 2

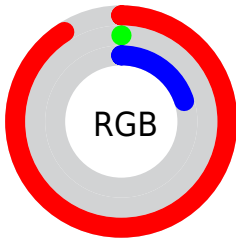
Format	Color
<a href="#">RYB</a>	<a href="#">232, 0, 51</a>
Decimal	<a href="#">15204403</a>
CIELab	<a href="#">48.75, 75.39, 41.47</a>
CIElCh	<a href="#">49, 86.045, 28.811</a>
Yxy	<a href="#">17.3948, 0.6052, 0.3108</a>
Android (android.graphics.Color)	<a href="#">4293394483 (0xFFE80033)</a>
YUV	<a href="#">75.1820, -11.9217, 137.5294</a>
Hunter-Lab	<a href="#">41.7071, 71.9977, 22.5078</a>

# Details

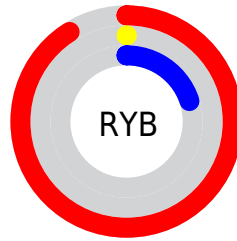
The Decimal color **15204403** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **59573**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **16735330**, and **10944520** is the 20% darker color. If you saturate the color by 10%, you get **15204403**, and if you desaturate by 10%, it is **15210309**.

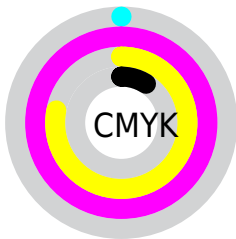
# Distribution



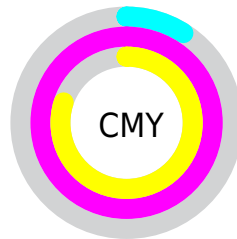
- Red (91%)
- Green (0%)
- Blue (20%)



- Red (91%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (78%)
- Black (9%)



- Cyan (9%)
- Magenta (100%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15204403 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 15204403 by changing the saturation by 10% instead.



 15204403	 15204403
 16777215	 13041694
 16735330	 10944520
 16743291	 8781824
 16750997	 6684674
 16758703	 4784132
 16766411	 2621441
 16774119	 0

 15204403

 15210309

 15216215

 15222377

 15228283

 15234190

 15240096

 15246002

 15252164

 15258070

# Harmonies

## Analogous

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



15401082



15204403



12996096

# Triad

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



15204403



35868



32767

# Complementary

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



15204403



59573

# 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.



36338



15204403



36975

# Square

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



15204403



4555520



37305



5857782

# Rectangle

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



15204403



10774272



37305



34303



# Sweetspot

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



15204403



16757699



11665640



8409692



0



8421504



# Same Dimension

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



15204403



16711736



15220224



7563114



11730983



3342347



# Inverse Universe

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



15204403



16711736



43752



7563114



11730983



3342347



# Previews

## White Background



This preview shows how the Decimal color 15204403 looks on a white background.

## Color Contrast Check

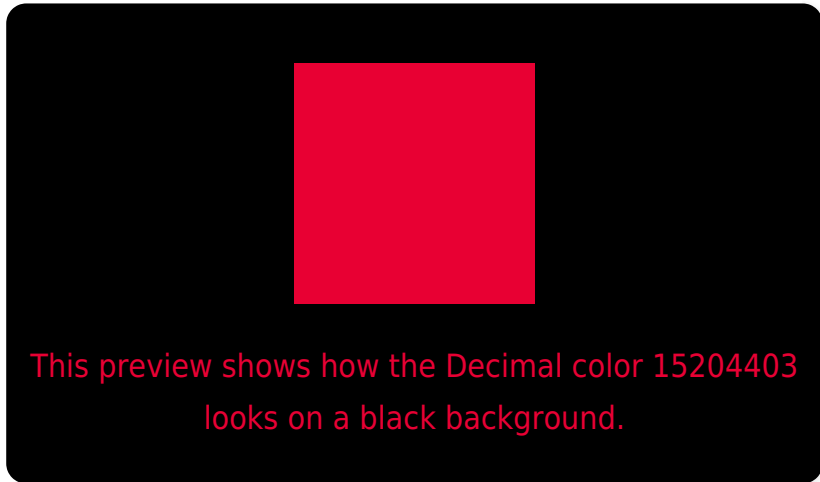
Large Text (above 18pt) WCAG AA ✓ Pass

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 15204403 Background



This preview shows how black text looks on a background with the Decimal color 15204403.



This preview shows how white text looks on a background with the Decimal color 15204403.

# 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



**Original Color**  
15204403

**Protanopia**  
8418894

**Deuteranopia**  
9662500



**Tritanopia**  
15144201

# Trichromacy



**Original Color**  
15204403



**Protanomaly**  
10898244



**Deuteranomaly**  
11683625



**Tritanomaly**  
15142168

# Monochromacy



**Original Color**  
15204403



**Achromatopsia**  
4934475



**Achromatomaly**  
8663106

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15204403 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 #E80033 looks like.

```
.text, #text, p{  
  color:#E80033  
}
```

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 #E80033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E80033
}
```

## Border

The CSS property to change the border of an element to Decimal 15204403 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".

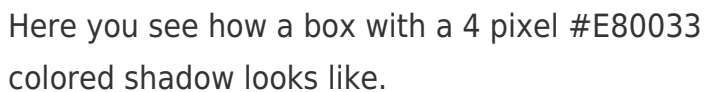
```
.border, #border, table{ border:4px solid
#E80033 }
```

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

```
.border{ border-color:#E80033 }
```

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

Here you see how a box with a 4 pixel #E80033 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E80033; -webkit-box-shadow:4px 4px  
4px 4px #E80033; box-shadow:4px 4px 4px  
4px #E80033 }
```

# Background

The CSS property to change the background color of an element to Decimal 15204403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E80033 }
```

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

```
.background{ background-color:#E80033 }
```

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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