

# Converting Colors

Decimal(15208462)

Have a look what the booklet for  
Decimal(15208462) contains.

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**Color**

**Decimal(15208462)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8100E
RGB	232, 16, 14
RGB Percent	91%, 6%, 5%
CMY	0.0902, 0.9373, 0.9451
CMYK	0.00, 0.93, 0.94, 0.09
HSL	1°, 89%, 48%
HSV	1°, 94%, 91%
XYZ	33.5433, 17.5581, 2.0366
YIQ	80.3560, 129.3780, 45.1700

# Conversions

## Conversions Part 2

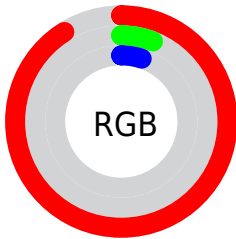
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 16, 14
Decimal	15208462
CIE <sub>Lab</sub>	48.96, 73.36, 58.90
CIE <sub>LCh</sub>	49, 94.080, 38.763
Yxy	17.5581, 0.6312, 0.3304
Android (android.graphics.Color)	4293398542 (0xFFE8100E)
YUV	80.3560, -32.7135, 132.9918
Hunter-Lab	41.9024, 69.5618, 26.4500

# Details

The Decimal color **15208462** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **976616**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **16736065**, and **10878976** is the 20% darker color. If you saturate the color by 10%, you get **15204864**, and if you desaturate by 10%, it is **15214373**.

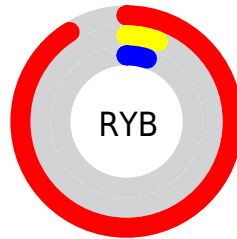
# Distribution



Red (91%)

Green (6%)

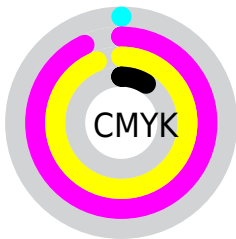
Blue (5%)



Red (91%)

Yellow (6%)

Blue (5%)

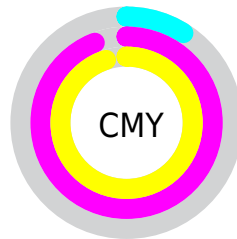


Cyan (0%)

Magenta (93%)

Yellow (94%)

Black (9%)



Cyan (9%)

Magenta (94%)



















Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15208462 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 15208462 by changing the saturation by 10% instead.



 15208462	 15208462
16777213	 13041664
 16736065	 10878976
 16744026	 8716288
 16751475	 6619138
 16759181	 4718596
 16766888	 2555905
 16774596	 0
 16777184	
 15208462	 15208462

■ 15204864

■ 15214373

■ 15220284

■ 15226196

■ 15232107

■ 15238018

■ 15243929

■ 15249840

■ 15255752

■ 15261663

# Harmonies

## Analogous

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



16318561



15208462



12212736

# Triad

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



15208462



36917



31231

# Complementary

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



15208462



976616

# 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.



36351



15208462



37771

# Square

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



15208462



35072



37848



9129971

# Rectangle

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



15208462



9531648



37848



33279



# Sweetspot

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



15208462



16758968



15208168



8410452



0



8421504



# Same Dimension

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



15208462



16712192



15235854



7563111



11731456



3342336



# Inverse Universe

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



976616



65023



949224



6779763



45491



13107



# Previews

## White Background



This preview shows how the Decimal color 15208462 looks on a white background.

## Color Contrast Check

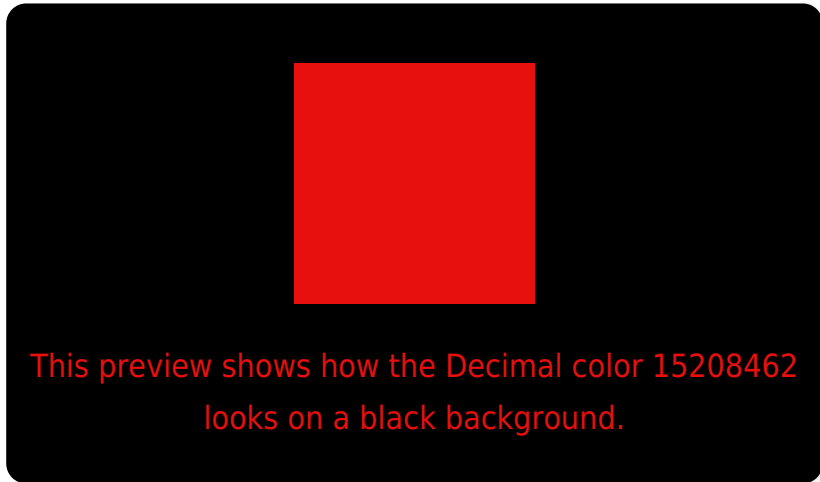
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 15208462 Background



This preview shows how black text looks on a background with the Decimal color 15208462.



This preview shows how white text looks on a background with the Decimal color 15208462.

# 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**  
15208462

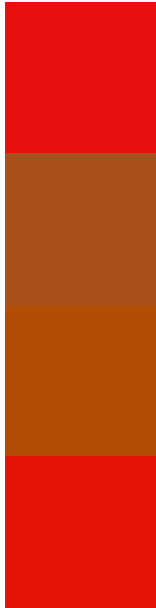
**Protanopia**  
8680995

**Deuteranopia**  
9728000



**Tritanopia**  
15144192

# Trichromacy



**Original Color**  
15208462

**Protanomaly**  
11030811

**Deuteranomaly**  
11750661

**Tritanomaly**  
15143685

# Monochromacy



**Original Color**  
15208462

**Achromatopsia**  
5263440

**Achromatomaly**  
8862008

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15208462 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 #E8100E looks like.

```
.text, #text, p{  
    color:#E8100E  
}
```

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 #E8100E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8100E
}
```

## Border

The CSS property to change the border of an element to Decimal 15208462 is called "border". The border property can be set on classes, ids or directly on the HTML element.

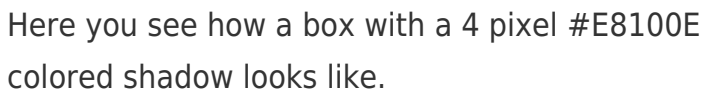
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E8100E }
```

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

```
.border{ border-color:#E8100E }
```

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



Here you see how a box with a 4 pixel `#E8100E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8100E; -webkit-box-shadow:4px 4px  
4px 4px #E8100E; box-shadow:4px 4px 4px  
4px #E8100E }
```

# Background

The CSS property to change the background color of an element to Decimal 15208462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8100E }
```

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

```
.background{ background-color:#E8100E }
```

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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