

# Converting Colors

Decimal(15209472)

Have a look what the booklet for  
Decimal(15209472) contains.

<b>Decimal(15209472)</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> .....	28

**Color**

**Decimal(15209472)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E81400
RGB	232, 20, 0
RGB Percent	91%, 8%, 0%
CMY	0.0902, 0.9216, 1.0000
CMYK	0.00, 0.91, 1.00, 0.09
HSL	5°, 100%, 45%
HSV	5°, 100%, 91%
XYZ	33.5289, 17.6561, 1.6408
YIQ	81.1080, 132.7720, 38.7240

# Conversions

## Conversions Part 2

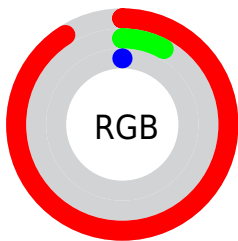
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 22, 0
Decimal	15209472
CIE <sub>Lab</sub>	49.08, 72.79, 62.80
CIE <sub>LCh</sub>	49, 96.135, 40.787
Yxy	17.6561, 0.6347, 0.3342
Android (android.graphics.Color)	4293399552 (0xFFE81400)
YUV	81.1080, -39.9862, 132.3323
Hunter-Lab	42.0192, 68.8991, 27.0982

# Details

The Decimal color **15209472** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **54504**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **16736313**, and **10878976** is the 20% darker color. If you saturate the color by 10%, you get **15209472**, and if you desaturate by 10%, it is **15214871**.

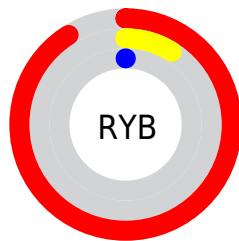
# Distribution



Red (91%)

Green (8%)

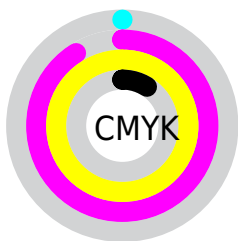
Blue (0%)



Red (91%)

Yellow (9%)

Blue (0%)

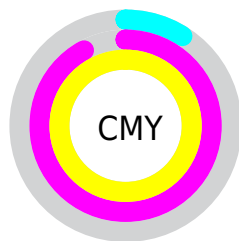


Cyan (0%)

Magenta (91%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (92%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15209472 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 15209472 by changing the saturation by 10% instead.



 15209472	 15209472
 16777205	 13041664
 16736313	 10878976
 16744274	 8716288
 16751723	 6619137
 16759430	 4718596
 16767137	 2555905
 16774844	 0
 16777177	
 15209472	

 15214871

 15220270

 15225926

 15231325

 15236724

 15242123

 15247522

 15253178

 15258577

# Harmonies

## Analogous

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



16515164



15209472



12082176

# Triad

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



15209472



37178



30719

# Complementary

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



15209472



54504

# 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



15209472



38033

# Square

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



15209472



35328



38111



9718514

# Rectangle

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



15209472



9270016



38111



33023



# Sweetspot

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



15209472



16759219



15204565



8410706



0



8421504



# Same Dimension

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



15209472



16717312



15238912



7563367



11734784



3343360



# Inverse Universe

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



54504



59903



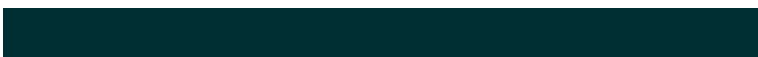
25064



6779507



41907



12083



# Previews

## White Background



This preview shows how the Decimal color 15209472 looks on a white background.

## Color Contrast Check

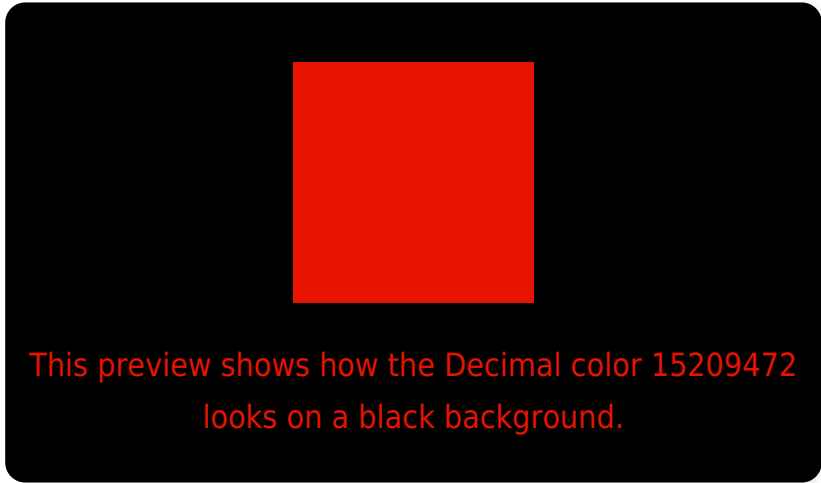
Large Text (above 18pt) WCAG AA ✓ Pass

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 15209472 Background



This preview shows how black text looks on a background with the Decimal color 15209472.



This preview shows how white text looks on a background with the Decimal color 15209472.

# 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



# Trichromacy



**Original Color**  
15209472

**Protanomaly**  
11031059

**Tritanomaly**  
15209472

# Monochromacy



**Original Color**  
15209472

**Achromatopsia**  
5329233

**Achromatomaly**  
8928052

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15209472 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 #E81400 looks like.

```
.text, #text, p{  
    color:#E81400  
}
```

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 #E81400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E81400
}
```

## Border

The CSS property to change the border of an element to Decimal 15209472 is called "border". The border property can be set on classes, ids or directly on the HTML element.

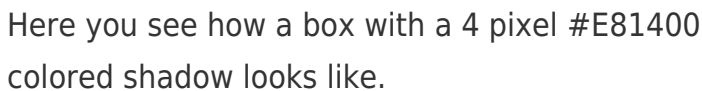
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E81400 }
```

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

```
.border{ border-color:#E81400 }
```

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



Here you see how a box with a 4 pixel #E81400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E81400; -webkit-box-shadow:4px 4px  
4px 4px #E81400; box-shadow:4px 4px 4px  
4px #E81400 }
```

# Background

The CSS property to change the background color of an element to Decimal 15209472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E81400 }
```

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

```
.background{ background-color:#E81400 }
```

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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