

# Converting Colors

Decimal(15213060)

Have a look what the booklet for  
Decimal(15213060) contains.

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**Color**

**Decimal(15213060)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E82204
RGB	232, 34, 4
RGB Percent	91%, 13%, 2%
CMY	0.0902, 0.8667, 0.9843
CMYK	0.00, 0.85, 0.98, 0.09
HSL	8°, 97%, 46%
HSV	8°, 98%, 91%
XYZ	33.8727, 18.3086, 1.8635
YIQ	89.7820, 127.6380, 32.6460

# Conversions

## Conversions Part 2

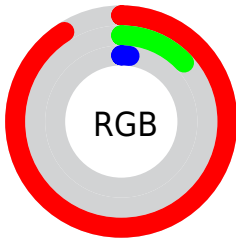
<b>Format</b>	<b>Color</b>
<b>RYB</b>	232, 39, 4
Decimal	15213060
CIELab	49.87, 70.58, 62.03
CIELCh	50, 93.959, 41.310
Yxy	18.3086, 0.6268, 0.3388
Android (android.graphics.Color)	4293403140 (0xFFE82204)
YUV	89.7820, -42.2905, 124.7252
Hunter-Lab	42.7886, 66.4256, 27.3699

# Details

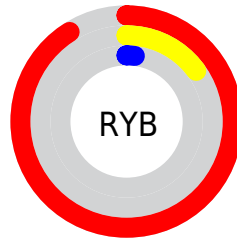
The Decimal color **15213060** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **314088**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **16737852**, and **10878976** is the 20% darker color. If you saturate the color by 10%, you get **15212288**, and if you desaturate by 10%, it is **15218203**.

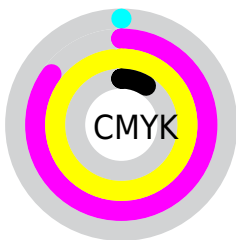
# Distribution



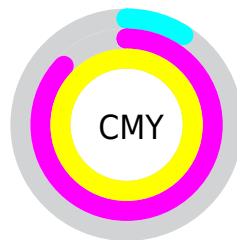
- Red (91%)
- Green (13%)
- Blue (2%)



- Red (91%)
- Yellow (15%)
- Blue (2%)



- Cyan (0%)
- Magenta (85%)
- Yellow (98%)
- Black (9%)



- Cyan (9%)
- Magenta (87%)
- Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15213060 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 15213060 by changing the saturation by 10% instead.



 15213060	 15213060
 16777209	 13041664
 16737852	 10878976
 16745557	 8716288
 16753007	 6684673
 16760713	 4784132
 16768420	 2621441
 16776128	 0
 16777180	
 15213060	 15213060

■ 15212288

■ 15218203

■ 15223346

■ 15228490

■ 15233889

■ 15239032

■ 15244175

■ 15249318

■ 15254462

■ 15259605

# Harmonies

## Analogous

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



16515165



15213060



12082944

# Triad

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



15213060



37695



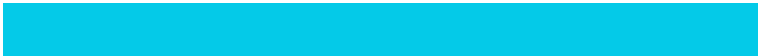
30975

# Complementary

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



15213060



314088

# 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.



36607



15213060



38548

# Square

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



15213060



35840



38368



9981425

# Rectangle

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



15213060



9336064



38368



33535



# Sweetspot

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



15213060



16760757



15205581



8411475



0



8421504



# Same Dimension

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



15213060



16720384



15241476



7563623



11736832



3344128

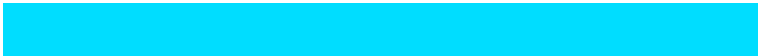


# Inverse Universe

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



314088



56831



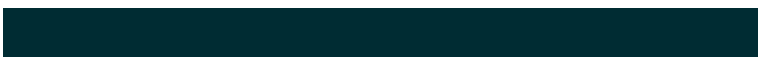
285672



6779251



39859



11315



# Previews

## White Background



This preview shows how the Decimal color 15213060 looks on a white background.

## Color Contrast Check

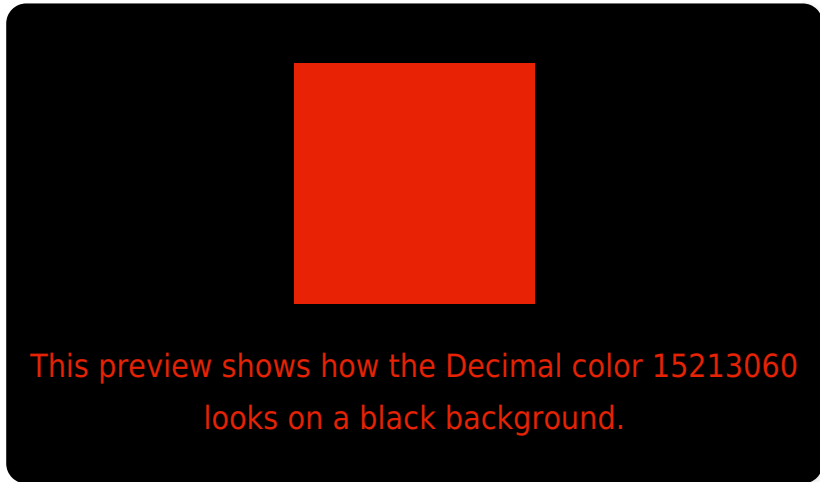
Large Text (above 18pt) WCAG AA ✓ Pass

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 15213060 Background



This preview shows how black text looks on a background with the Decimal color 15213060.



This preview shows how white text looks on a background with the Decimal color 15213060.

# 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**  
15213060

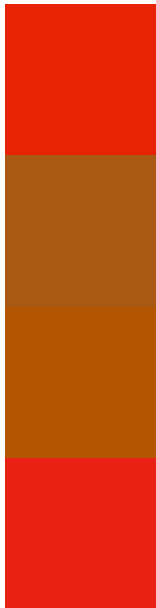
**Protanopia**  
8812573

**Deuteranopia**  
9925120



**Tritanopia**  
15212573

# Trichromacy



**Original Color**  
15213060

**Protanomaly**  
11163924

**Deuteranomaly**  
11818241

**Tritanomaly**  
15212820

# Monochromacy



**Original Color**  
15213060

**Achromatopsia**  
5921370

**Achromatomaly**  
9324091

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15213060 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 #E82204 looks like.

```
.text, #text, p{  
    color:#E82204  
}
```

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 #E82204 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E82204
}
```

## Border

The CSS property to change the border of an element to Decimal 15213060 is called "border". The border property can be set on classes, ids or directly on the HTML element.

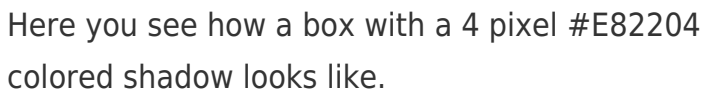
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E82204 }
```

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

```
.border{ border-color:#E82204 }
```

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



Here you see how a box with a 4 pixel #E82204 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E82204; -webkit-box-shadow:4px 4px  
4px 4px #E82204; box-shadow:4px 4px 4px  
4px #E82204 }
```

# Background

The CSS property to change the background color of an element to Decimal 15213060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E82204 }
```

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

```
.background{ background-color:#E82204 }
```

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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