

Converting Colors

Decimal(15091200)

Have a look what the booklet for
Decimal(15091200) contains.

Decimal(15091200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(15091200)

Conversions

Conversions Part 1

Format	Color
Hex	E64600
RGB	230, 70, 0
RGB Percent	90%, 27%, 0%
CMY	0.0980, 0.7255, 1.0000
CMYK	0.00, 0.70, 1.00, 0.10
HSL	18°, 100%, 45%
HSV	18°, 100%, 90%
XYZ	34.8233, 21.2033, 2.2573
YIQ	109.8600, 117.8300, 12.1500

Conversions

Conversions Part 2

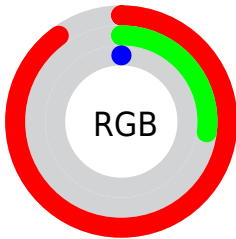
Format	Color
R _Y B	230, 101, 0
Decimal	15091200
CIE Lab	53.17, 59.63, 64.32
CIE LCh	53, 87.705, 47.168
Yxy	21.2033, 0.5975, 0.3638
Android (android.graphics.Color)	4293281280 (0xFFE64600)
YUV	109.8600, -54.1610, 105.3628
Hunter-Lab	46.0471, 54.4091, 29.3265

Details

The Decimal color **15091200** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **41190**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **16744253**, and **10813440** is the 20% darker color. If you saturate the color by 10%, you get **15091200**, and if you desaturate by 10%, it is **15095319**.

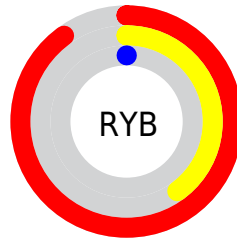
Distribution



Red (90%)

Green (27%)

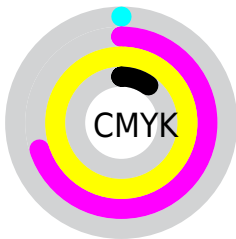
Blue (0%)



Red (90%)

Yellow (40%)

Blue (0%)

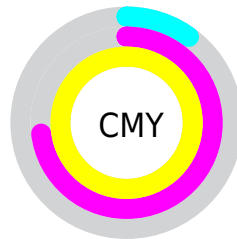


Cyan (0%)

Magenta (70%)

Yellow (100%)

Black (10%)



Cyan (10%)



Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15091200 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 15091200 by changing the saturation by 10% instead.


 15091200	 15091200
 16777213	 12920320
 16744253	 10813440
 16751447	 8716288
 16758642	 6684672
 16766092	 4718594
 16773800	 2818049
 16777155	 0
 16777184	
 15091200	


 15095319


 15099438

 15103557

 15107676

 15111795

 15115914

 15120033

 15124152

 15128271

Harmonies

Analogous

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



16646232



15091200



11890688

Triad

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



15091200



40027



31487

Complementary

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



15091200



41190

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.



37631



15091200



40618

Square

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



15091200



38400



40174



11817191

Rectangle

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



15091200



9142784



40174



34047

Sweetspot

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



15091200



16763571



15073441



8413266



0



8421504

Same Dimension

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



15091200



16731648



15120384



7564135



11744768



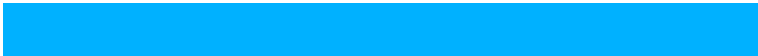
3346432

Inverse Universe

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



41190



45567



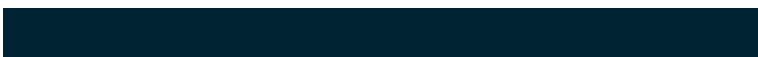
12006



6778739



31923



9011

Previews

White Background



This preview shows how the Decimal color 15091200 looks on a white background.

Color Contrast Check

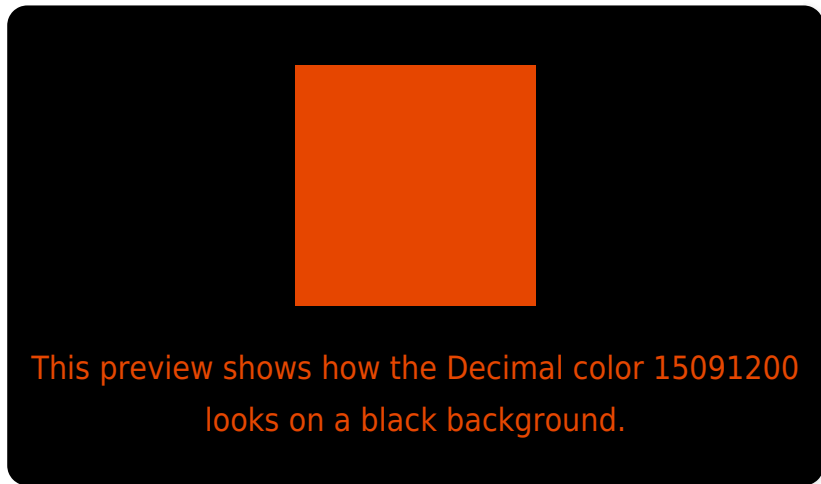
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 15091200 Background



This preview shows how black text looks on a background with the Decimal color 15091200.



This preview shows how white text looks on a background with the Decimal color 15091200.

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

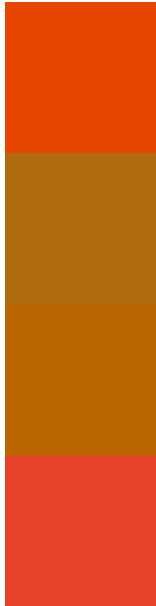


Original Color
15091200

Protanopia
9469977

Deuteranopia
10582272

Trichromacy



Original Color
15091200

Protanomaly
11496208

Deuteranomaly
12215808

Tritanomaly
15156011

Monochromacy



Original Color
15091200

Achromatopsia
7237230

Achromatomaly
10116934

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15091200 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 #E64600 looks like.

```
.text, #text, p{  
    color:#E64600  
}
```

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 #E64600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E64600
}
```

Border

The CSS property to change the border of an element to Decimal 15091200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

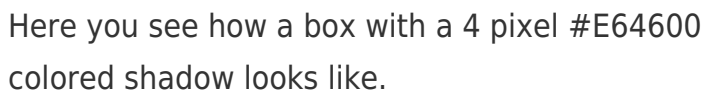
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E64600 }
```

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

```
.border{ border-color:#E64600 }
```

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



Here you see how a box with a 4 pixel #E64600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E64600; -webkit-box-shadow:4px 4px  
4px 4px #E64600; box-shadow:4px 4px 4px  
4px #E64600 }
```

Background

The CSS property to change the background color of an element to Decimal 15091200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E64600 }
```

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

```
.background{ background-color:#E64600 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor