

Converting Colors

Decimal(15890944)

Have a look what the booklet for
Decimal(15890944) contains.

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Color

Decimal(15890944)

Conversions

Conversions Part 1

Format	Color
Hex	F27A00
RGB	242, 122, 0
RGB Percent	95%, 48%, 0%
CMY	0.0510, 0.5216, 1.0000
CMYK	0.00, 0.50, 1.00, 0.05
HSL	30°, 100%, 47%
HSV	30°, 100%, 95%
XYZ	43.5775, 32.7963, 4.0335
YIQ	143.9720, 110.6820, -12.5020

Conversions

Conversions Part 2

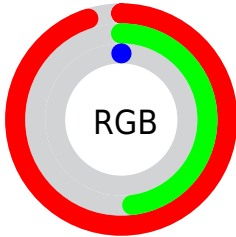
Format	Color
R_{YB}	238, 242, 0
Decimal	15890944
CIE Lab	64.00, 40.74, 71.25
CIE LCh	64, 82.076, 60.241
Yxy	32.7963, 0.5420, 0.4079
Android (android.graphics.Color)	4294081024 (0xFFFF27A00)
YUV	143.9720, -70.9782, 85.9706
Hunter-Lab	57.2681, 35.6084, 35.9117

Details

The Decimal color **15890944** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark saturated orange. A complement of this color would be **30962**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **16756807**, and **11683328** is the 20% darker color. If you saturate the color by 10%, you get **15890944**, and if you desaturate by 10%, it is **15894040**.

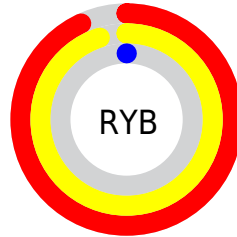
Distribution



Red (95%)

Green (48%)

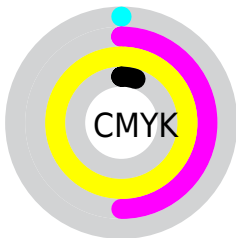
Blue (0%)



Red (93%)

Yellow (95%)

Blue (0%)

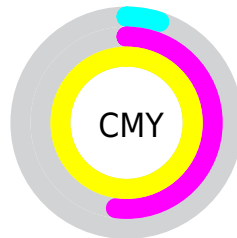


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (5%)



Cyan (5%)


















Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15890944 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 15890944 by changing the saturation by 10% instead.

 15890944	 15890944
16777215	 13787136
 16756807	 11683328
 16764002	 9645312
 16771197	 7606528
 16777113	 5701632
 16777141	 3866624
 16777170	 1835009
 16777199	 0

 15890944

 15894040

 15897136

 15900233

 15903329

 15906425

 15909521

 15912617

 15915714

 15918810

Harmonies

Analogous

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



16733526



15890944



12228608

Triad

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



15890944



48026



9734143

Complementary

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



15890944



30962

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.



42239



15890944



48099

Square

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



15890944



46669



46591



15818981

Rectangle

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



15890944



9217536



46591



5935871

Sweetspot

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



15890944



16767411



15859833



8415570



0



8421504

Same Dimension

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



15890944



16744704



15921664



7893612



12082432



3677184

Inverse Universe

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



30962



32511



242



7107192



23480



7224

Previews

White Background



This preview shows how the Decimal color 15890944 looks on a white background.

Color Contrast Check

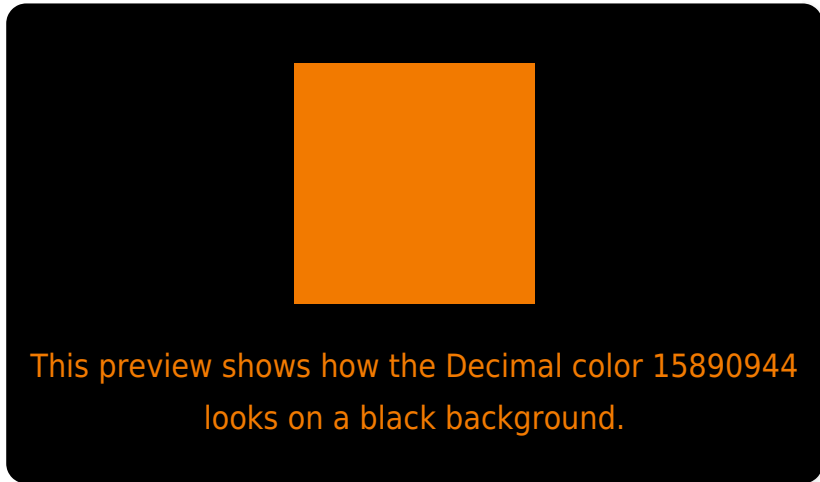
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 15890944 Background



This preview shows how black text looks on a background with the Decimal color 15890944.




This preview shows how white text looks on a background with the Decimal color 15890944.

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





Tritanopia
16150905

Trichromacy



Original Color
15890944

Protanomaly
13078541

Deuteranomaly
13994752

Tritanomaly
16086093

Monochromacy



Original Color
15890944

Achromatopsia
9474192

Achromatomaly
11831388

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15890944 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 #F27A00 looks like.

```
.text, #text, p{  
    color:#F27A00  
}
```

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 #F27A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F27A00
}
```

Border

The CSS property to change the border of an element to Decimal 15890944 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
#F27A00 }
```

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

```
.border{ border-color:#F27A00 }
```

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

Here you see how a box with a 4 pixel #F27A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F27A00; -webkit-box-shadow:4px 4px  
4px 4px #F27A00; box-shadow:4px 4px 4px  
4px #F27A00 }
```

Background

The CSS property to change the background color of an element to Decimal 15890944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F27A00 }
```

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

```
.background{ background-color:#F27A00 }
```

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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