

Converting Colors

Decimal(13790720)

Have a look what the booklet for
Decimal(13790720) contains.

Decimal(13790720)	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(13790720)

Conversions

Conversions Part 1

Format	Color
Hex	D26E00
RGB	210, 110, 0
RGB Percent	82%, 43%, 0%
CMY	0.1765, 0.5686, 1.0000
CMYK	0.00, 0.48, 1.00, 0.18
HSL	31°, 100%, 41%
HSV	31°, 100%, 82%
XYZ	32.1543, 24.8535, 3.1025
YIQ	127.3600, 94.9100, -13.0100

Conversions

Conversions Part 2

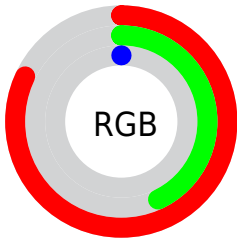
Format	Color
R_{YB}	191, 210, 0
Decimal	13790720
CIE _{Lab}	56.93, 34.03, 64.66
CIE _{LCh}	57, 73.067, 62.242
Yxy	24.8535, 0.5349, 0.4135
Android (android.graphics.Color)	4291980800 (0xFFD26E00)
YUV	127.3600, -62.7885, 72.4753
Hunter-Lab	49.8533, 27.8853, 31.2075

Details

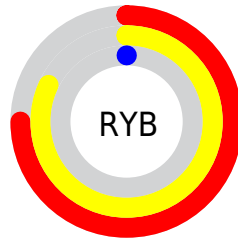
The Decimal color **13790720** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **25810**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **16753475**, and **9714688** is the 20% darker color. If you saturate the color by 10%, you get **13790720**, and if you desaturate by 10%, it is **13793301**.

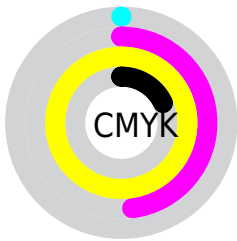
Distribution



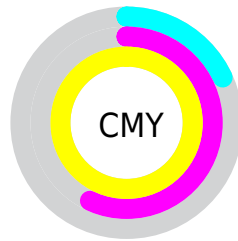
- Red (82%)
- Green (43%)
- Blue (0%)



- Red (75%)
- Yellow (82%)
- Blue (0%)



- Cyan (0%)
- Magenta (48%)
- Yellow (100%)
- Black (18%)




















- Cyan (18%)
- Magenta (57%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13790720 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 13790720 by changing the saturation by 10% instead.

 13790720	 13790720
16777215	 11752704
 16753475	 9714688
 16760413	 7742464
 16767608	 5835008
 16775059	 3997696
 16777135	 2293761
 16777163	 0
 16777192	
 13790720	

 13793301

 13795882

 13798463

 13801044

 13803625

 13806206

 13808787

 13811368

 13813949

Harmonies

Analogous

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



15880009



13790720



10520576

Triad

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



13790720



42380



9139701

Complementary

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



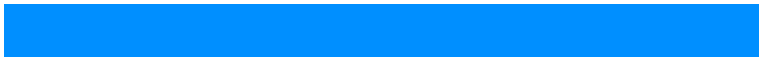
13790720



25810

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.



36863



13790720



42187

Square

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



13790720



41289



40698



14111941

Rectangle

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



13790720



7836416



40698



6193151

Sweetspot

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



13790720



16767923



13762662



8415826



0



8421504

Same Dimension

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



13790720



16745984



13619712



6906974



11032576



2692352

Inverse Universe

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



25810



31231



196818



6185833



20648



4905

Previews

White Background



This preview shows how the Decimal color 13790720 looks on a white background.

Color Contrast Check

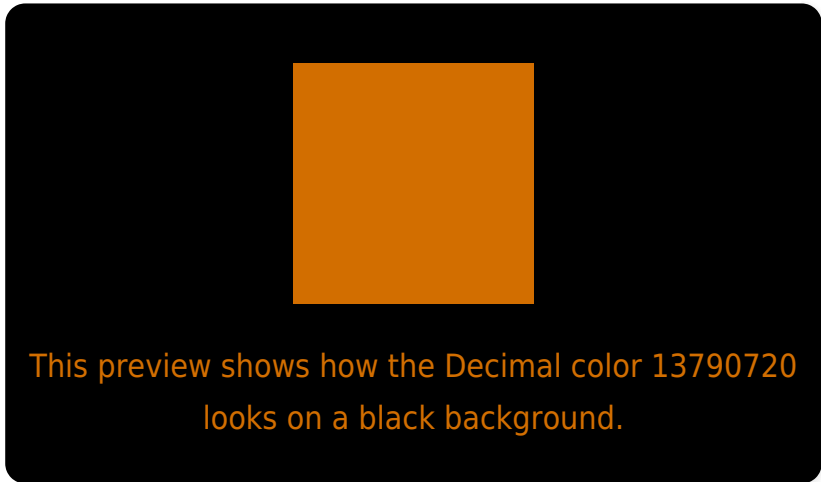
Large Text (above 18pt) WCAG AA ✓ Pass

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 13790720 Background



This preview shows how black text looks on a background with the Decimal color 13790720.



This preview shows how white text looks on a background with the Decimal color 13790720.

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
13790720

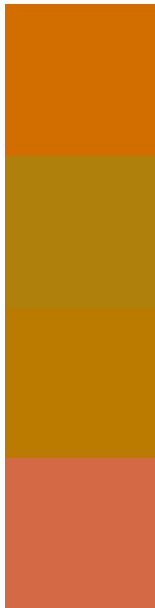
Protanopia
10193426

Deuteranopia
11371008



Tritanopia
13985389

Trichromacy



Original Color
13790720

Protanomaly
11501579

Deuteranomaly
12221184

Tritanomaly
13920581

Monochromacy



Original Color
13790720

Achromatopsia
8355711

Achromatomaly
10320209

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13790720 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 #D26E00 looks like.

```
.text, #text, p{  
  color:#D26E00  
}
```

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 #D26E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D26E00
}
```

Border

The CSS property to change the border of an element to Decimal 13790720 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
#D26E00 }
```

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

```
.border{ border-color:#D26E00 }
```

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

Here you see how a box with a 4 pixel #D26E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D26E00; -webkit-box-shadow:4px 4px  
4px 4px #D26E00; box-shadow:4px 4px 4px  
4px #D26E00 }
```

Background

The CSS property to change the background color of an element to Decimal 13790720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D26E00 }
```

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

```
.background{ background-color:#D26E00 }
```

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