

# Converting Colors

Decimal(14970920)

Have a look what the booklet for  
Decimal(14970920) contains.

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# Color

**Decimal(14970920)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E47028
RGB	228, 112, 40
RGB Percent	89%, 44%, 16%
CMY	0.1059, 0.5608, 0.8431
CMYK	0.00, 0.51, 0.82, 0.11
HSL	23°, 78%, 53%
HSV	23°, 82%, 89%
XYZ	38.1721, 28.2355, 5.4456
YIQ	138.4760, 92.2480, 2.2000

# Conversions

## Conversions Part 2

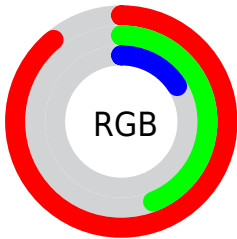
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 157, 40
Decimal	14970920
CIE <sub>Lab</sub>	60.10, 40.88, 57.52
CIE <sub>LCh</sub>	60, 70.566, 54.601
Yxy	28.2355, 0.5313, 0.3930
Android (android.graphics.Color)	4293161000 (0xFFE47028)
YUV	138.4760, -48.5487, 78.5125
Hunter-Lab	53.1371, 35.2390, 31.1198

# Details

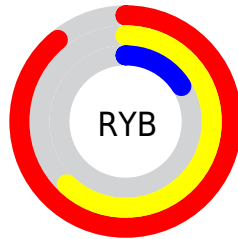
The Decimal color **14970920** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **2661604**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **16754268**, and **10829056** is the 20% darker color. If you saturate the color by 10%, you get **14967313**, and if you desaturate by 10%, it is **14974527**.

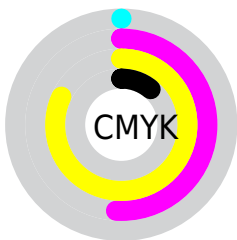
# Distribution



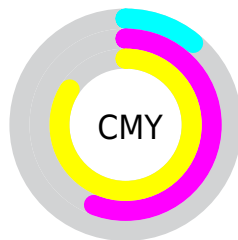
- Red (89%)
- Green (44%)
- Blue (16%)



- Red (89%)
- Yellow (62%)
- Blue (16%)



- Cyan (0%)
- Magenta (51%)
- Yellow (82%)
- Black (11%)



- Cyan (11%)
- Magenta (56%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14970920 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 14970920 by changing the saturation by 10% instead.



 14970920

 14970920

16777215

 12932617

 16754268

 10829056

 16761206

 8856320

 16768656

 6881792

 16776108

 4980736

 16777160

 3342338

 16777188

 0

 14970920

 14970920

 14967313

 14974527

14964480

14978134

14981740

14985347

14988954

14992561

14996168

15000030

15003637

# Harmonies

## Analogous

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



16602465



14970920



12028416

# Triad

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



14970920



44163



7833087

# Complementary

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



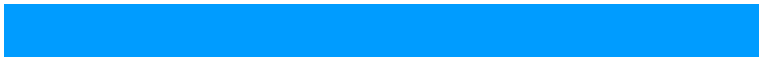
14970920



2661604

# 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.



40191



14970920



44483

# Square

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



14970920



829251



43254



13658074

# Rectangle

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



14970920



9541376



43254



4034303



# Sweetspot

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



14970920



16767167



14952607



8415321



0



8421504



# Same Dimension

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



14970920



16737027



14994216



7564391



11748352



3347456

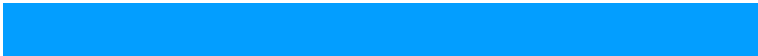


# Inverse Universe

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



2661604



237311



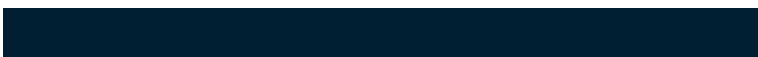
2638308



6778483



28339



7987



# Previews

## White Background



This preview shows how the Decimal color 14970920 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



This preview shows how the Decimal color 14970920 looks on a 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 14970920 Background



This preview shows how black text looks on a background with the Decimal color 14970920.



This preview shows how white text looks on a background with the Decimal color 14970920.

# 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**  
14970920

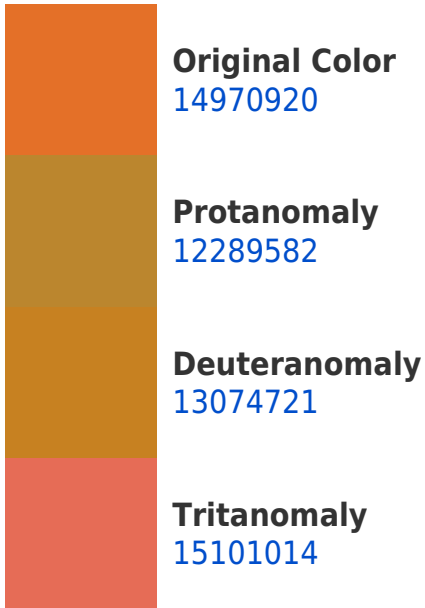
**Protanopia**  
10719793

**Deuteranopia**  
12028445



**Tritanopia**  
15165808

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14970920 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 #E47028 looks like.

```
.text, #text, p{  
    color:#E47028  
}
```

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 #E47028 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E47028
}
```

## Border

The CSS property to change the border of an element to Decimal 14970920 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
#E47028 }
```

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

```
.border{ border-color:#E47028 }
```

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

Here you see how a box with a 4 pixel #E47028 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E47028; -webkit-box-shadow:4px 4px  
4px 4px #E47028; box-shadow:4px 4px 4px  
4px #E47028 }
```

# Background

The CSS property to change the background color of an element to Decimal 14970920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E47028 }
```

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

```
.background{ background-color:#E47028 }
```

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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