

# Converting Colors

Decimal(14980640)

Have a look what the booklet for  
Decimal(14980640) contains.

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# **Color**

**Decimal(14980640)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E49620
RGB	228, 150, 32
RGB Percent	89%, 59%, 13%
CMY	0.1059, 0.4118, 0.8745
CMYK	0.00, 0.34, 0.86, 0.11
HSL	36°, 78%, 51%
HSV	36°, 86%, 89%
XYZ	43.1620, 38.4110, 6.5057
YIQ	159.8700, 84.3660, -20.1620

# Conversions

## Conversions Part 2

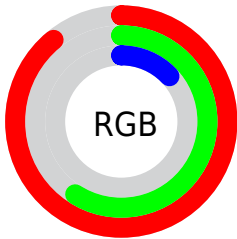
Format	Color
<a href="#">RYB</a>	<a href="#">162, 228, 32</a>
Decimal	<a href="#">14980640</a>
CIELab	<a href="#">68.32, 20.86, 67.20</a>
CIELCh	<a href="#">68, 70.359, 72.754</a>
Yxy	<a href="#">38.4110, 0.4900, 0.4361</a>
Android (android.graphics.Color)	<a href="#">4293170720 (0xFFE49620)</a>
YUV	<a href="#">159.8700, -63.0399, 59.7500</a>
Hunter-Lab	<a href="#">61.9766, 15.8527, 37.1599</a>

# Details

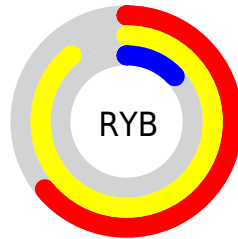
The Decimal color **14980640** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **2125540**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **16763994**, and **10969856** is the 20% darker color. If you saturate the color by 10%, you get **14978313**, and if you desaturate by 10%, it is **14982967**.

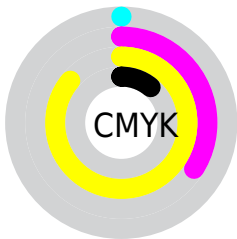
# Distribution



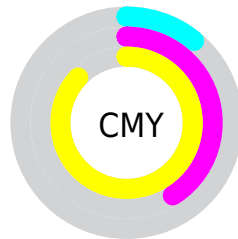
- Red (89%)
- Green (59%)
- Blue (13%)



- Red (64%)
- Yellow (89%)
- Blue (13%)



- Cyan (0%)
- Magenta (34%)
- Yellow (86%)
- Black (11%)





















- Cyan (11%)
- Magenta (41%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14980640 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 14980640 by changing the saturation by 10% instead.



 14980640	 14980640
16777215	 12942336
 16763994	 10969856
 16771189	 8997632
 16777104	 7091200
 16777132	 5185024
 16777161	 3410176
 16777190	 1769473
	 0
 14980640	 14980640

■ 14978313

■ 14982967

■ 14977280

■ 14985294

■ 14987620

■ 14989947

■ 14992274

■ 14994601

■ 14997184

■ 14999510

■ 15001837

# Harmonies

## Analogous

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



16743251



14980640



11381774

# Triad

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



14980640



50625



13404671

# Complementary

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



14980640



2125540

# 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.



5481983



14980640



49916

# Square

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



14980640



49791



47359



16740302

# Rectangle

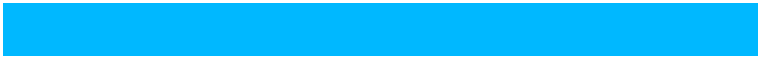
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14980640



8435247



47359



11441151



# Sweetspot

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



14980640



16770493



14950510



8417368



0



8421504



# Same Dimension

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



14980640



16751104



13689888



7564903



11758336



3350272



# Inverse Universe

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



2125540



26111



3416292



6777971



18355



5171



# Previews

## White Background



This preview shows how the Decimal color 14980640 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



This preview shows how the Decimal color 14980640 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 ✓ Pass

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



## Decimal 14980640 Background



This preview shows how black text looks on a background with the Decimal color 14980640.



This preview shows how white text looks on a background with the Decimal color 14980640.

# 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**  
14980640

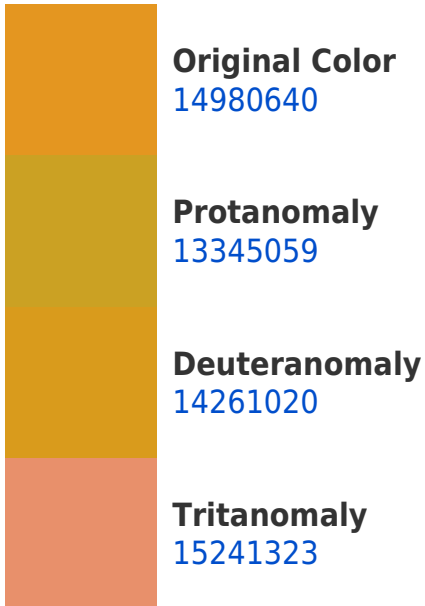
**Protanopia**  
12363557

**Deuteranopia**  
13868570



**Tritanopia**  
15371414

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14980640 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 #E49620 looks like.

```
.text, #text, p{  
    color:#E49620  
}
```

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 #E49620 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E49620
}
```

## Border

The CSS property to change the border of an element to Decimal 14980640 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
#E49620 }
```

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

```
.border{ border-color:#E49620 }
```

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

Here you see how a box with a 4 pixel #E49620 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E49620; -webkit-box-shadow:4px 4px  
4px 4px #E49620; box-shadow:4px 4px 4px  
4px #E49620 }
```

# Background

The CSS property to change the background color of an element to Decimal 14980640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E49620 }
```

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

```
.background{ background-color:#E49620 }
```

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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