

# Converting Colors

Decimal(14779205)

Have a look what the booklet for  
Decimal(14779205) contains.

<b>Decimal(14779205)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(14779205)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E18345
RGB	225, 131, 69
RGB Percent	88%, 51%, 27%
CMY	0.1176, 0.4863, 0.7294
CMYK	0.00, 0.42, 0.69, 0.12
HSL	24°, 72%, 58%
HSV	24°, 69%, 88%
XYZ	40.2418, 32.6698, 9.8152
YIQ	152.0380, 75.9260, 0.6460

# Conversions

## Conversions Part 2

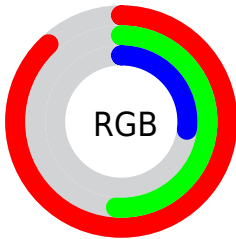
Format	Color
R <sub>Y</sub> B	225, 172, 69
Decimal	14779205
CIE Lab	63.89, 31.08, 48.07
CIE LCh	64, 57.244, 57.113
Yxy	32.6698, 0.4864, 0.3949
Android (android.graphics.Color)	4292969285 (0xFFE18345)
YUV	152.0380, -40.9377, 63.9877
Hunter-Lab	57.1575, 25.6475, 29.8289

# Details

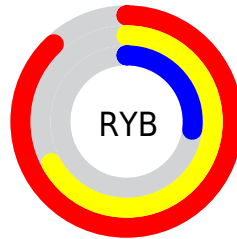
The Decimal color **14779205** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **4563937**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **16759160**, and **10768403** is the 20% darker color. If you saturate the color by 10%, you get **14775598**, and if you desaturate by 10%, it is **14782811**.

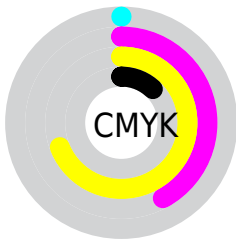
# Distribution



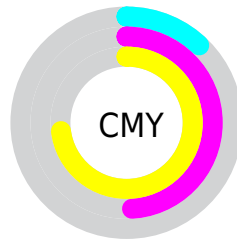
- Red (88%)
- Green (51%)
- Blue (27%)



- Red (88%)
- Yellow (67%)
- Blue (27%)



- Cyan (0%)
- Magenta (42%)
- Yellow (69%)
- Black (12%)



- Cyan (12%)
- Magenta (49%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14779205 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 14779205 by changing the saturation by 10% instead.



 14779205

 14779205

16777215

 12740908

 16759160

 10768403

 16766354

 8861696

 16773549

 6955008

 16777161

 5047808

 16777189

 3342336

 786432

 0

 14779205

 14779205

14775598

14782811

14772248

14786162

14768641

14789768

14768384

14793119

14796725

14800076

14803683

14807033

14810623

# Harmonies

## Analogous

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



16150895



14779205



12293933

# Triad

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



14779205



45972



9736182

# Complementary

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



14779205



4563937

# 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.



41727



14779205



46024

# Square

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



14779205



4435809



44784



13925075

# Rectangle

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



14779205



10133809



44784



7640829

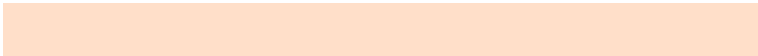


# Sweetspot

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



14779205



16768969



14763429



8416352



0



8421504



# Same Dimension

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



14779205



16744235



14798661



7367013



11552256



3150592



# Inverse Universe

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



4563937



2862079



4544481



6646896



27312



7472



# Previews

## White Background



This preview shows how the Decimal color 14779205 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 14779205 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

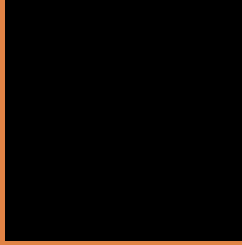
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 14779205 Background



This preview shows how black text looks on a background with the Decimal color 14779205.




This preview shows how white text looks on a background with the Decimal color 14779205.

# 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](#).

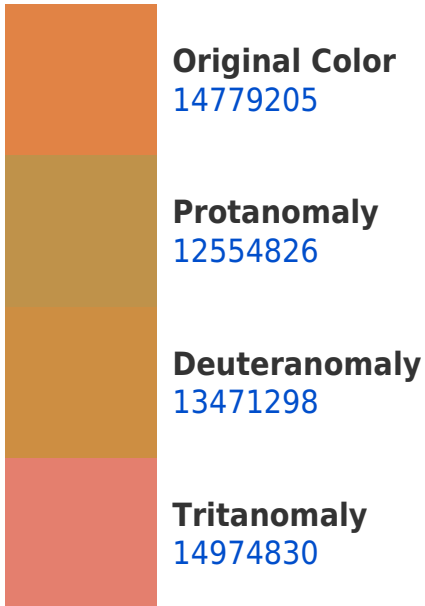
## Dichromacy





**Tritanopia**  
15039621

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14779205 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 #E18345 looks like.

```
.text, #text, p{  
    color:#E18345  
}
```

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 #E18345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E18345
}
```

## Border

The CSS property to change the border of an element to Decimal 14779205 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
#E18345 }
```

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

```
.border{ border-color:#E18345 }
```

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

Here you see how a box with a 4 pixel #E18345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E18345; -webkit-box-shadow:4px 4px  
4px 4px #E18345; box-shadow:4px 4px 4px  
4px #E18345 }
```

# Background

The CSS property to change the background color of an element to Decimal 14779205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E18345 }
```

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

```
.background{ background-color:#E18345 }
```

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