

Converting Colors

Hex(E79000)

Have a look what the booklet for
Hex(E79000) contains.

Hex(E79000)	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

Hex(E79000)

Conversions

Conversions Part 1

Format	Color
Hex	E79000
RGB	231, 144, 0
RGB Percent	91%, 56%, 0%
CMY	0.0941, 0.4353, 1.0000
CMYK	0.00, 0.38, 1.00, 0.09
HSL	37°, 100%, 45%
HSV	37°, 100%, 91%
XYZ	42.9283, 36.9354, 4.8667
YIQ	153.5970, 98.0760, -26.3400

Conversions

Conversions Part 2

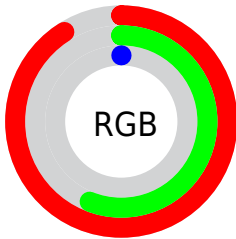
Format	Color
RYB	140, 231, 0
Decimal	15175680
CIELab	67.23, 24.88, 72.52
CIELCh	67, 76.669, 71.064
Yxy	36.9354, 0.5066, 0.4359
Android (android.graphics.Color)	4293365760 (0xFFE79000)
YUV	153.5970, -75.7233, 67.8824
Hunter-Lab	60.7745, 19.7285, 37.7944

Details

The Hex color **E79000** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark washed orange. A complement of this color would be **0057E7**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFC64A**, and **A95D00** is the 20% darker color. If you saturate the color by 10%, you get **E79000**, and if you desaturate by 10%, it is **E79917**.

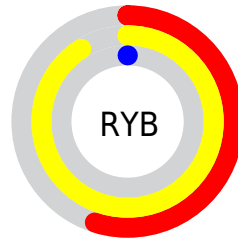
Distribution



Red (91%)

Green (56%)

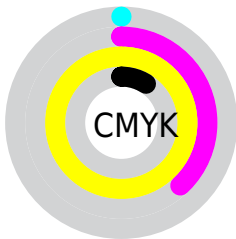
Blue (0%)



Red (55%)

Yellow (91%)

Blue (0%)

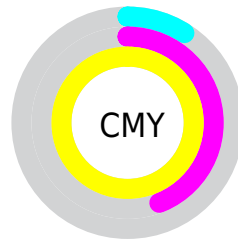


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (44%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E79000 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 Hex color E79000 by changing the saturation by 10% instead.

 E79000

 E79000

FFFFFF

 C87600

 FFC64A

 A95D00

 FFE266

 8B4500

 FFFF82

 6D2E00

 FFFF9E

 501800

 FFFFBA

 350200

 FFFFD7

 1A0001

 FFFFF4

 000000

 E79000

 E79917

 E7A12E

 E7AA45

 E7B35C

 E7BB74

 E7C48B

 E7CDA2

 E7D6B9

 E7DED0

Harmonies

Analogous

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



FF714C



E79000



ACA900

Triad

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



E79000



00C3BC



C685FF

Complementary

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



E79000



0057E7

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.



11A3FF



E79000



00C1FD

Square

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



E79000



00C074



00B7FF



FF65D2

Rectangle

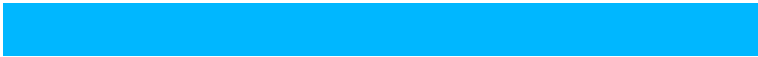
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E79000



7CB412



00B7FF



A390FF

Sweetspot

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



E79000



FFE2B3



E70059



806E52



000000



808080

Same Dimension

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



E79000



FF9F00



CCE700



736E67



B36F00



332000

Inverse Universe

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



0057E7



0060FF



1B00E7



676C73



0043B3



001333

Previews

White Background



This preview shows how the Hex color E79000 looks on a white background.

Color Contrast Check

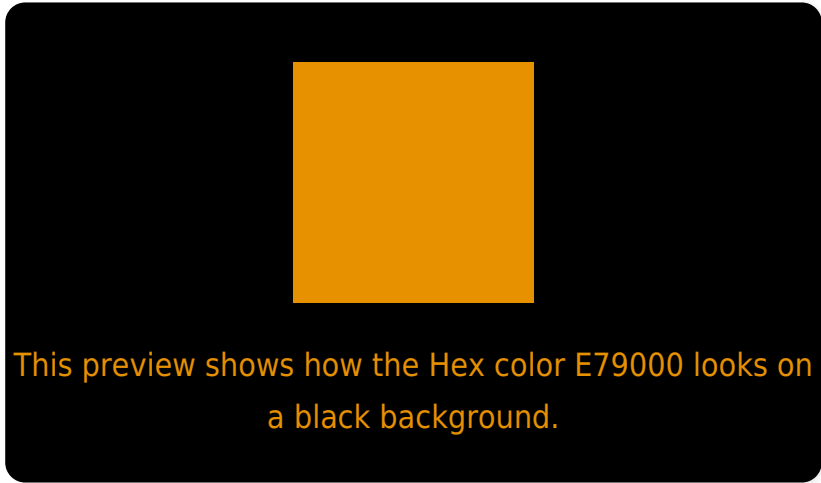
Large Text (above 18pt) WCAG AA × Fail

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](#).

Hex E79000 Background



This preview shows how black text looks on a background with the Hex color E79000.



This preview shows how white text looks on a background with the Hex color E79000.

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
E79000

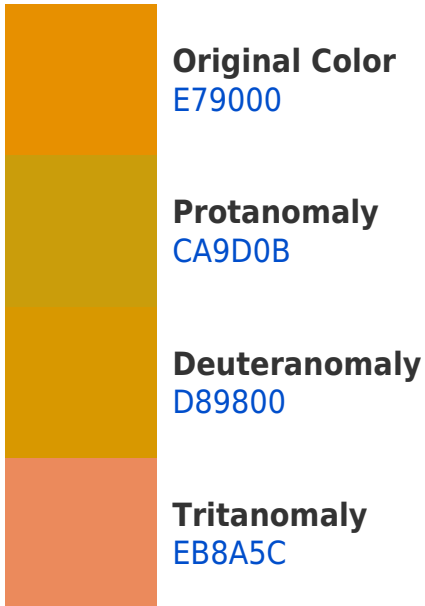
Protanopia
B9A511

Deuteranopia
CF9C00



Tritanopia
ED8690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E79000 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 #E79000 looks like.

```
.text, #text, p{  
    color:#E79000  
}
```

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 #E79000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E79000
}
```

Border

The CSS property to change the border of an element to Hex E79000 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
#E79000 }
```

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

```
.border{ border-color:#E79000 }
```

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

Here you see how a box with a 4 pixel #E79000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E79000; -webkit-box-shadow:4px 4px  
4px 4px #E79000; box-shadow:4px 4px 4px  
4px #E79000 }
```

Background

The CSS property to change the background color of an element to Hex E79000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E79000 }
```

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

```
.background{ background-color:#E79000 }
```

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