

Converting Colors

Hex(E17A45)

Have a look what the booklet for
Hex(E17A45) contains.

Hex(E17A45)	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(E17A45)

Conversions

Conversions Part 1

Format	Color
Hex	E17A45
RGB	225, 122, 69
RGB Percent	88%, 48%, 27%
CMY	0.1176, 0.5216, 0.7294
CMYK	0.00, 0.46, 0.69, 0.12
HSL	20°, 72%, 58%
HSV	20°, 69%, 88%
XYZ	39.0850, 30.3563, 9.4296
YIQ	146.7550, 78.4010, 5.3530

Conversions

Conversions Part 2

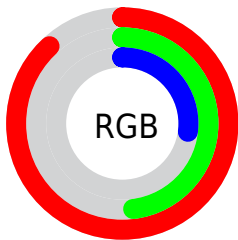
Format	Color
R _Y B	225, 149, 69
Decimal	14776901
CIE Lab	61.96, 35.78, 45.93
CIE LCh	62, 58.220, 52.081
Yxy	30.3563, 0.4956, 0.3849
Android (android.graphics.Color)	4292966981 (0xFFE17A45)
YUV	146.7550, -38.3332, 68.6209
Hunter-Lab	55.0965, 30.2075, 28.4203

Details

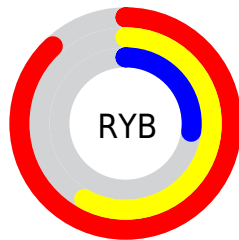
The Hex color **E17A45** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **45ACE1**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFB077**, and **A44714** is the 20% darker color. If you saturate the color by 10%, you get **E16B2E**, and if you desaturate by 10%, it is **E1895B**.

Distribution



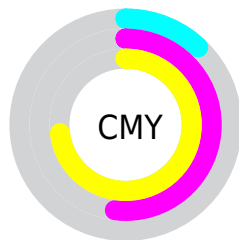
- Red (88%)
- Green (48%)
- Blue (27%)



- Red (88%)
- Yellow (58%)
- Blue (27%)



- Cyan (0%)
- Magenta (46%)
- Yellow (69%)
- Black (12%)





- Cyan (12%)
- Magenta (52%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color E17A45 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 E17A45 by changing the saturation by 10% instead.

 E17A45

 E17A45

FFFFFF

 C2602D

 FFB077

 A44714

 FFCC92

 862E00

 FFE8AD

 691500

 FFFFC8

 4C0000

 FFFF E5

 320001

 030000

 000000

 E17A45

 E17A45

 E16B2E

 E1895B

 E15C18

 E19872

 E14D01

 E1A788

 E14C00

 E1B59F

 E1C4B5

 E1D3CC

 E1E2E3

 E1F1F9

 E1FFFF

Harmonies

Analogous

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



F36972



E17A45



BD8E27

Triad

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



E17A45



00AE86



7E8EF6

Complementary

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



E17A45



45ACE1

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.



00A0FC



E17A45



00AEBB

Square

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



E17A45



4BA953



00AAE6



C778D6

Rectangle

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



E17A45



9D9A26



00AAE6



5894FB

Sweetspot

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



E17A45



FFDCC9



E145AD



806A60



000000



808080

Same Dimension

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



E17A45



FF732B



E1C745



706965



B03C00



301000

Inverse Universe

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



45ACE1



2BB7FF



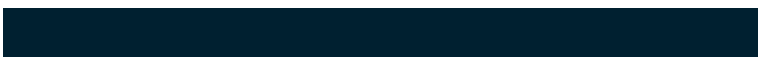
455FE1



656C70



0074B0



002030

Previews

White Background



This preview shows how the Hex color E17A45 looks on a white background.

Color Contrast Check

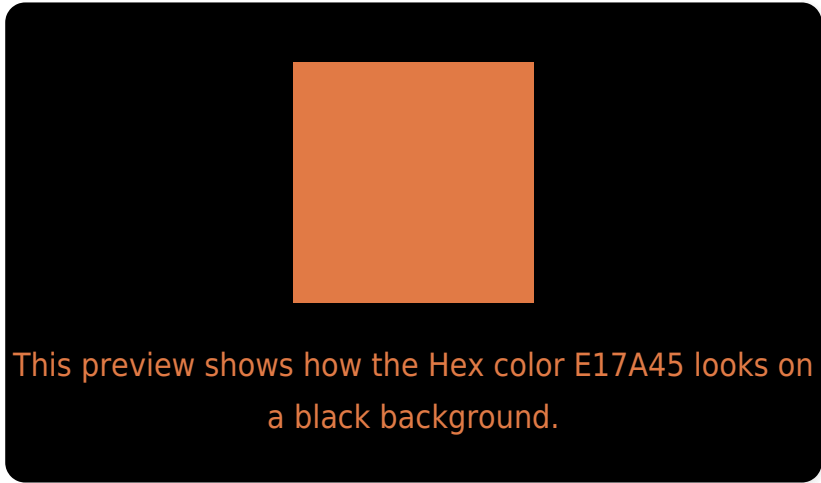
Large Text (above 18pt) WCAG AA × Fail

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 E17A45 Background



This preview shows how black text looks on a background with the Hex color E17A45.



This preview shows how white text looks on a background with the Hex color E17A45.

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
E17A45

Protanopia
A6964E

Deuteranopia
BA8F40



Tritanopia
E4747C

Trichromacy



Original Color
E17A45

Protanomaly
BB8C4B

Deuteranomaly
C88742

Tritanomaly
E37668

Monochromacy



Original Color
E17A45

Achromatopsia
939393

Achromatomaly
AF8A77

CSS Examples

Text

The CSS property to change the color of the text to Hex E17A45 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 #E17A45 looks like.

```
.text, #text, p{  
    color:#E17A45  
}
```

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 #E17A45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E17A45
}
```

Border

The CSS property to change the border of an element to Hex E17A45 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
#E17A45 }
```

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

```
.border{ border-color:#E17A45 }
```

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

Here you see how a box with a 4 pixel #E17A45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E17A45; -webkit-box-shadow:4px 4px  
4px 4px #E17A45; box-shadow:4px 4px 4px  
4px #E17A45 }
```

Background

The CSS property to change the background color of an element to Hex E17A45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E17A45 }
```

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

```
.background{ background-color:#E17A45 }
```

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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