

Converting Colors

Hex(E1A758)

Have a look what the booklet for
Hex(E1A758) contains.

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Color

Hex(E1A758)

Conversions

Conversions Part 1

Format	Color
Hex	E1A758
RGB	225, 167, 88
RGB Percent	88%, 65%, 35%
CMY	0.1176, 0.3451, 0.6549
CMYK	0.00, 0.26, 0.61, 0.12
HSL	35°, 70%, 61%
HSV	35°, 61%, 88%
XYZ	46.6315, 44.3496, 15.3351
YIQ	175.3360, 59.9270, -12.2730

Conversions

Conversions Part 2

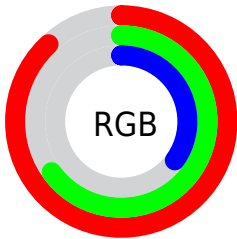
Format	Color
RYB	189, 225, 88
Decimal	14788440
CIELab	72.46, 13.05, 48.46
CIELCh	72, 50.189, 74.927
Yxy	44.3496, 0.4386, 0.4171
Android (android.graphics.Color)	4292978520 (0xFFE1A758)
YUV	175.3360, -43.0566, 43.5553
Hunter-Lab	66.5955, 8.4473, 32.9640

Details

The Hex color **E1A758** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5892E1**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFDE8C**, and **A67325** is the 20% darker color. If you saturate the color by 10%, you get **E19D42**, and if you desaturate by 10%, it is **E1B16E**.

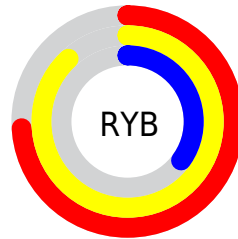
Distribution



Red (88%)

Green (65%)

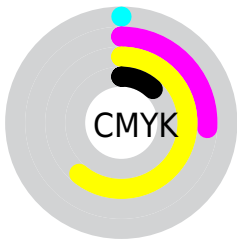
Blue (35%)



Red (74%)

Yellow (88%)

Blue (35%)

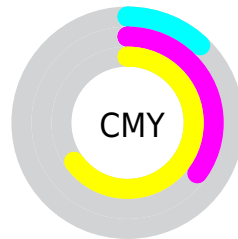


Cyan (0%)

Magenta (26%)

Yellow (61%)

Black (12%)



Cyan (12%)

Magenta (35%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color E1A758 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 E1A758 by changing the saturation by 10% instead.

 E1A758

 E1A758

FFFFFF

 C38D3F

 FFDE8C

 A67325

 FFFBA7

 8A5B08

 FFFFC3

 6E4300


 FFFFDF

 522D00

 FFFFFC

 381800

 200000

 000000

 E1A758

 E1A758

 E19D42

 E1B16E

 E1942B

 E1BA85

 E18A15

 E1C49B

 E18200

 E1CDB2

 E1D7C9

 E1E0DF

 E1EAF6

 E1F3FF

 E1FDFF

Harmonies

Analogous

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



FE9773



E1A758



B7B656

Triad

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



E1A758



00C9C8



D39DF3

Complementary

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



E1A758



5892E1

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.



8FAFFF



E1A758



00C6F1

Square

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



E1A758



3AC898



00BDFE



FB8FCB

Rectangle

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



E1A758



96BE64



00BDFF



BFA3FD

Sweetspot

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



E1A758



FFECD1



E15893



807463



000000



808080

Same Dimension

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



E1A758



FFB045



D8E158



706B65



B06500



301C00

Inverse Universe

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



5892E1



4594FF



6158E1



656A70



004AB0



001530

Previews

White Background



This preview shows how the Hex color E1A758 looks on a white background.

Color Contrast Check

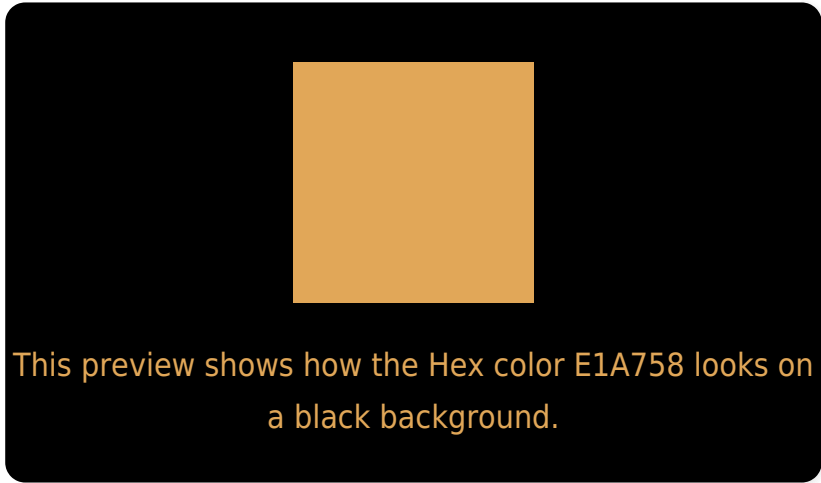
Large Text (above 18pt) WCAG AA × Fail

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

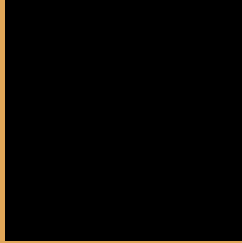
Any Text WCAG AA ✓ Pass

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 E1A758 Background



This preview shows how black text looks on a background with the Hex color E1A758.



This preview shows how white text looks on a background with the Hex color E1A758.

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
E1A758

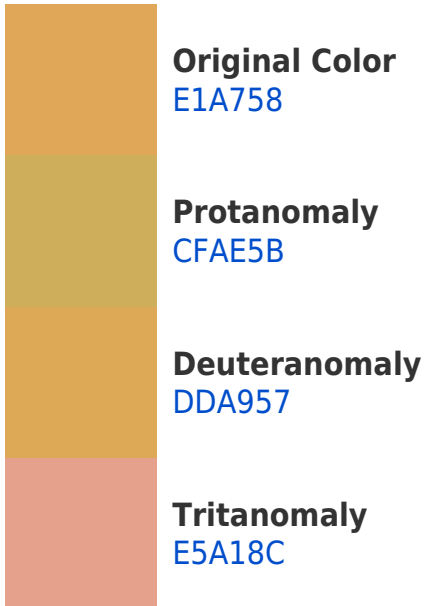
Protanopia
C5B25C

Deuteranopia
DBAA57

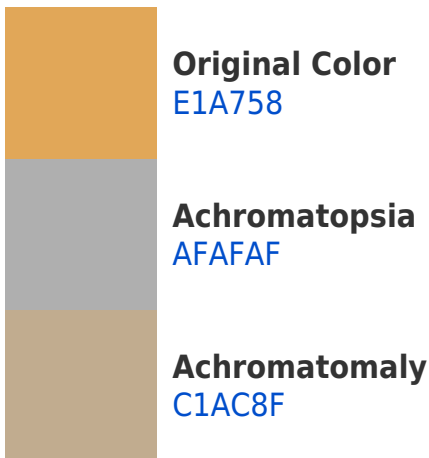


Tritanopia
E79EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E1A758 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 #E1A758 looks like.

```
.text, #text, p{  
    color:#E1A758  
}
```

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 #E1A758 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1A758
}
```

Border

The CSS property to change the border of an element to Hex E1A758 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
#E1A758 }
```

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

```
.border{ border-color:#E1A758 }
```

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

Here you see how a box with a 4 pixel #E1A758 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1A758; -webkit-box-shadow:4px 4px  
4px 4px #E1A758; box-shadow:4px 4px 4px  
4px #E1A758 }
```

Background

The CSS property to change the background color of an element to Hex E1A758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1A758 }
```

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

```
.background{ background-color:#E1A758 }
```

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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