

Converting Colors

Hex(E1A20A)

Have a look what the booklet for
Hex(E1A20A) contains.

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Color

Hex(E1A20A)

Conversions

Conversions Part 1

Format	Color
Hex	E1A20A
RGB	225, 162, 10
RGB Percent	88%, 64%, 4%
CMY	0.1176, 0.3647, 0.9608
CMYK	0.00, 0.28, 0.96, 0.12
HSL	42°, 91%, 46%
HSV	42°, 96%, 88%
XYZ	44.0265, 41.8701, 6.0485
YIQ	163.5090, 86.3400, -33.9160

Conversions

Conversions Part 2

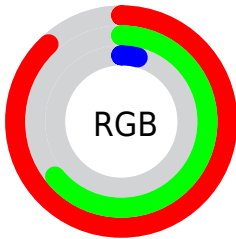
Format	Color
RYB	99, 225, 10
Decimal	14787082
CIELab	70.78, 12.81, 73.31
CIElCh	71, 74.422, 80.089
Yxy	41.8701, 0.4788, 0.4554
Android (android.graphics.Color)	4292977162 (0xFFE1A20A)
YUV	163.5090, -75.6799, 53.9276
Hunter-Lab	64.7071, 8.2132, 39.7529

Details

The Hex color **E1A20A** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **0A49E1**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFD951**, and **A46F00** is the 20% darker color. If you saturate the color by 10%, you get **E19F00**, and if you desaturate by 10%, it is **E1A920**.

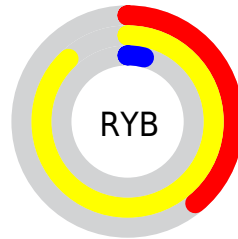
Distribution



Red (88%)

Green (64%)

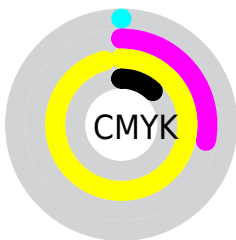
Blue (4%)



Red (39%)

Yellow (88%)

Blue (4%)

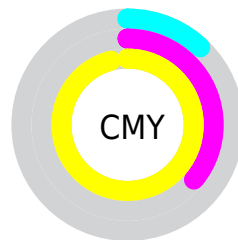


Cyan (0%)

Magenta (28%)

Yellow (96%)

Black (12%)



Cyan (12%)

Magenta (36%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color E1A20A 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 E1A20A by changing the saturation by 10% instead.

 E1A20A

 E1A20A

FFFFFF

 C28800

 FFD951

 A46F00

 FFF56D

 875600

 FFFF89

 693F00

 FFFFA5

 4D2A00

 FFFFC1

 331500

 FFFFDF

 1C0000

 FFFFFC

 000000

 E1A20A

 E1A20A

 E19F00

 E1A920

 E1AF37

 E1B64E

 E1BC64

 E1C37B

 E1CA91

 E1D0A8

 E1D7BE

 E1DDD4

Harmonies

Analogous

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



FF8645



E1A20A



A3B811

Triad

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



E1A20A



00CDDA



E886FF

Complementary

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



E1A20A



0A49E1

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.



7FA5FF



E1A20A



00C8FF

Square

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



E1A20A



00CB94



00BCFF



FF6CC7

Rectangle

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



E1A20A



6EC13B



00BCFF



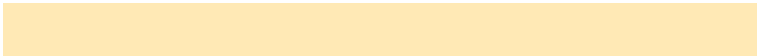
CD91FF

Sweetspot

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



E1A20A



FFE9B5



E10A4B



807253



000000



808080

Same Dimension

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



E1A20A



FFB400



B6E10A



706D65



B07C00



302200

Inverse Universe

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



0A49E1



004BFF



350AE1



656870



0034B0



000E30

Previews

White Background



This preview shows how the Hex color E1A20A looks on a white background.

Color Contrast Check

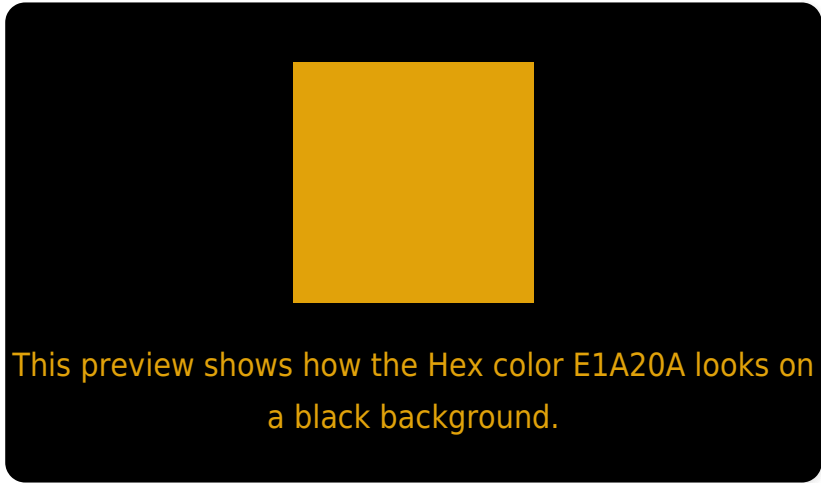
Large Text (above 18pt) WCAG AA × Fail

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 E1A20A Background



This preview shows how black text looks on a background with the Hex color E1A20A.



This preview shows how white text looks on a background with the Hex color E1A20A.

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
E1A20A

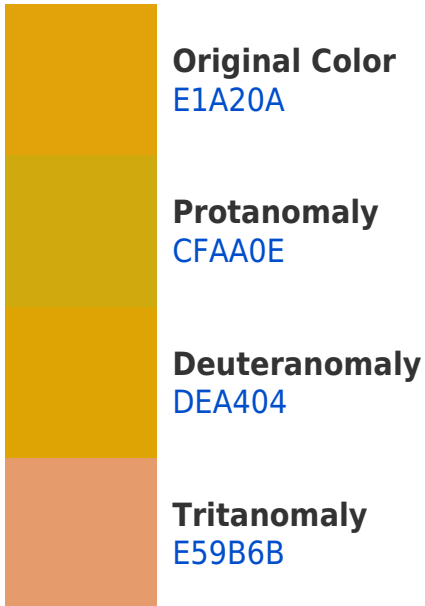
Protanopia
C4AE10

Deuteranopia
DCA500



Tritanopia
E897A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E1A20A 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 #E1A20A looks like.

```
.text, #text, p{  
    color:#E1A20A  
}
```

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 #E1A20A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1A20A
}
```

Border

The CSS property to change the border of an element to Hex E1A20A 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
#E1A20A }
```

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

```
.border{ border-color:#E1A20A }
```

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

Here you see how a box with a 4 pixel #E1A20A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1A20A; -webkit-box-shadow:4px 4px  
4px 4px #E1A20A; box-shadow:4px 4px 4px  
4px #E1A20A }
```

Background

The CSS property to change the background color of an element to Hex E1A20A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1A20A }
```

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

```
.background{ background-color:#E1A20A }
```

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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