

Converting Colors

Hex(E18320)

Have a look what the booklet for
Hex(E18320) contains.

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Color

Hex(E18320)

Conversions

Conversions Part 1

Format	Color
Hex	E18320
RGB	225, 131, 32
RGB Percent	88%, 51%, 13%
CMY	0.1176, 0.4863, 0.8745
CMYK	0.00, 0.42, 0.86, 0.12
HSL	31°, 76%, 50%
HSV	31°, 86%, 88%
XYZ	39.4283, 32.3444, 5.5315
YIQ	147.8200, 87.8030, -10.8610

Conversions

Conversions Part 2

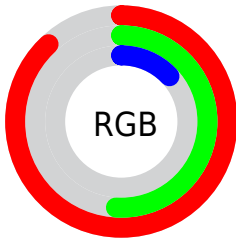
Format	Color
R_{YB}	215, 225, 32
Decimal	14779168
CIE _{Lab}	63.63, 29.68, 63.21
CIE _{LCh}	64, 69.837, 64.847
Yxy	32.3444, 0.5100, 0.4184
Android (android.graphics.Color)	4292969248 (0xFFE18320)
YUV	147.8200, -57.0993, 67.6869
Hunter-Lab	56.8722, 24.2242, 34.0439

Details

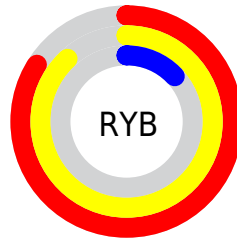
The Hex color **E18320** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **207EE1**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFB957**, and **A35100** is the 20% darker color. If you saturate the color by 10%, you get **E1780A**, and if you desaturate by 10%, it is **E18E37**.

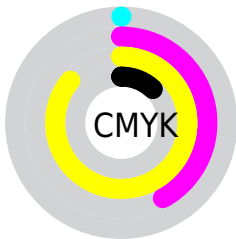
Distribution



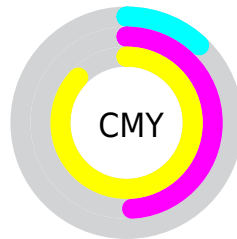
- Red (88%)
- Green (51%)
- Blue (13%)



- Red (84%)
- Yellow (88%)
- Blue (13%)



- Cyan (0%)
- Magenta (42%)
- Yellow (86%)
- Black (12%)




- Cyan (12%)
- Magenta (49%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color E18320 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 E18320 by changing the saturation by 10% instead.

 E18320

 E18320

FFFFFF

 C26900

 FFB957

 A35100

 FFD472

 853900

 FFF18D

 682100

 FFFFA8

 4B0800

 FFFFC5

 310000

 FFFFE1

 060000

 000000

 E18320

 E18320

 E1780A

 E18E37

 E17300

 E1994D

 E1A464

 E1AF7A

 E1BA91

 E1C5A7

 E1D0BE

 E1DBD4

 E1E6EB

Harmonies

Analogous

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



FF6856



E18320



AF9B00

Triad

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



E18320



00B7A3



A785FF

Complementary

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



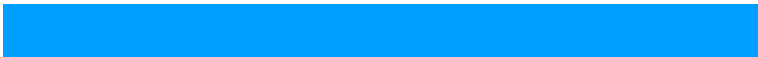
E18320



207EE1

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.



009EFF



E18320



00B6E0

Square

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



E18320



00B362



00AEFF



EC68D0

Rectangle

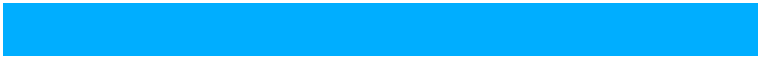
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E18320



86A610



00AEFF



838EFF

Sweetspot

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



E18320



FFDFBD



E12081



806C58



000000



808080

Same Dimension

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



E18320



FF8300



E1E120



706B65



B05A00



301900

Inverse Universe

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



207EE1



007CFF



2020E1



656A70



0056B0



001830

Previews

White Background



This preview shows how the Hex color E18320 looks on a white background.

Color Contrast Check

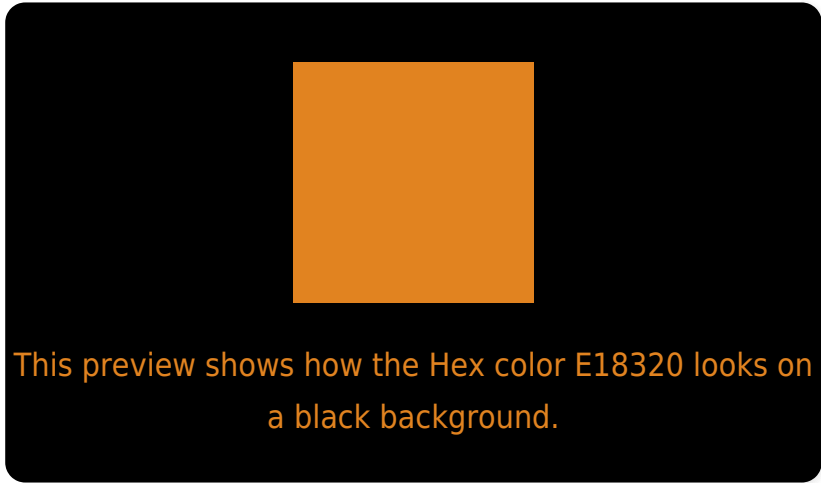
Large Text (above 18pt) WCAG AA × Fail

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 E18320 Background



This preview shows how black text looks on a background with the Hex color E18320.



This preview shows how white text looks on a background with the Hex color E18320.

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
E18320

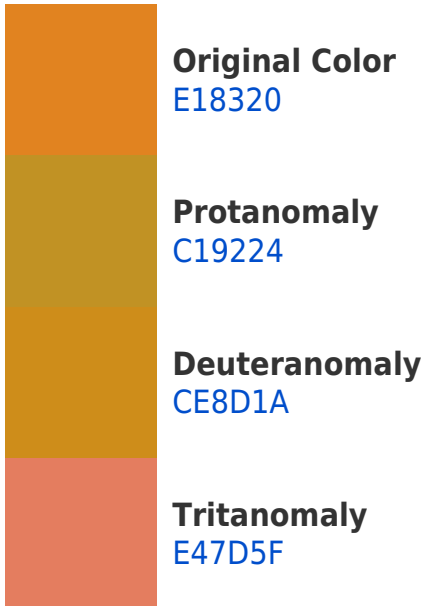
Protanopia
AE9B26

Deuteranopia
C39316

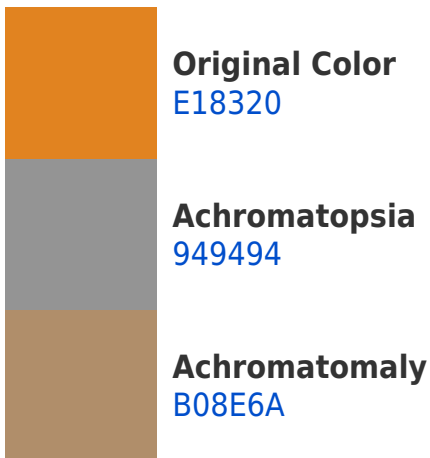


Tritanopia
E67A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E18320 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 #E18320 looks like.

```
.text, #text, p{  
    color:#E18320  
}
```

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 #E18320 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E18320
}
```

Border

The CSS property to change the border of an element to Hex E18320 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
#E18320 }
```

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

```
.border{ border-color:#E18320 }
```

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

Here you see how a box with a 4 pixel #E18320 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E18320; -webkit-box-shadow:4px 4px  
4px 4px #E18320; box-shadow:4px 4px 4px  
4px #E18320 }
```

Background

The CSS property to change the background color of an element to Hex E18320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E18320 }
```

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

```
.background{ background-color:#E18320 }
```

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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