

# Converting Colors

Hex(E23F20)

Have a look what the booklet for  
Hex(E23F20) contains.

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**Color**

**Hex(E23F20)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E23F20
RGB	226, 63, 32
RGB Percent	89%, 25%, 13%
CMY	0.1137, 0.7529, 0.8745
CMYK	0.00, 0.72, 0.86, 0.11
HSL	10°, 77%, 51%
HSV	10°, 86%, 89%
XYZ	33.4022, 19.8280, 3.4332
YIQ	108.2030, 107.0990, 24.9150

# Conversions

## Conversions Part 2

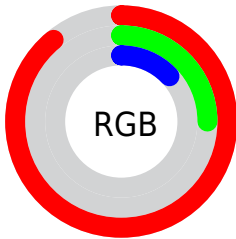
Format	Color
<a href="#">RYB</a>	226, 69, 32
Decimal	14827296
CIELab	51.64, 61.28, 53.44
CIElCh	52, 81.310, 41.089
Yxy	19.8280, 0.5895, 0.3499
Android (android.graphics.Color)	4293017376 (0xFFE23F20)
YUV	108.2030, -37.5681, 103.3080
Hunter-Lab	44.5287, 55.9727, 26.5988

# Details

The Hex color **E23F20** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **20C3E2**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF7951**, and **A20000** is the 20% darker color. If you saturate the color by 10%, you get **E22C09**, and if you desaturate by 10%, it is **E25237**.

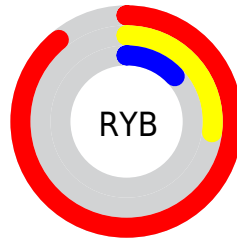
# Distribution



Red (89%)

Green (25%)

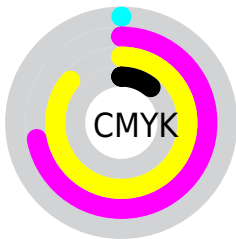
Blue (13%)



Red (89%)

Yellow (27%)

Blue (13%)

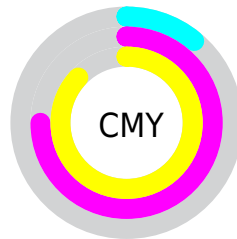


Cyan (0%)

Magenta (72%)

Yellow (86%)

Black (11%)



Cyan (11%)

Magenta (75%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E23F20 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 E23F20 by changing the saturation by 10% instead.



 E23F20

 E23F20

FFFFFF

 C21C05

 FF7951

 A20000

 FF956A

 820000

 FFB284

 630000

 FFCF9F

 460002

 FFECBA

 270001

 FFFFD6

 000000

 FFFFF3

 E23F20

 E23F20

 E22C09

 E25237

 E22400

 E2654D

 E27864

 E28B7A

 E29E91

 E2B1A8

 E2C4BE

 E2D7D5

 E2EAEB

# Harmonies

## Analogous

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



F20265



E23F20



B96700

# Triad

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



E23F20



00964B



007CFF

# Complementary

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



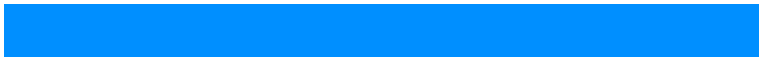
E23F20



20C3E2

# 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.



008FFF



E23F20



009894

# Square

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



E23F20



228F00



0097D6



9A5AE5

# Rectangle

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



E23F20



937900



0097D6



0084FF



# Sweetspot

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



E23F20



FFC7BD



E220C5



805E58



000000



808080



# Same Dimension

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



E23F20



FF2900



E29E20



706765



B01C00



300800

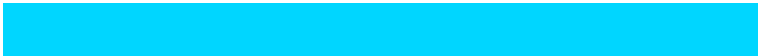


# Inverse Universe

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



20C3E2



00D6FF



2064E2



656E70



0094B0



002930



# Previews

## White Background



This preview shows how the Hex color E23F20 looks on a white background.

## Color Contrast Check

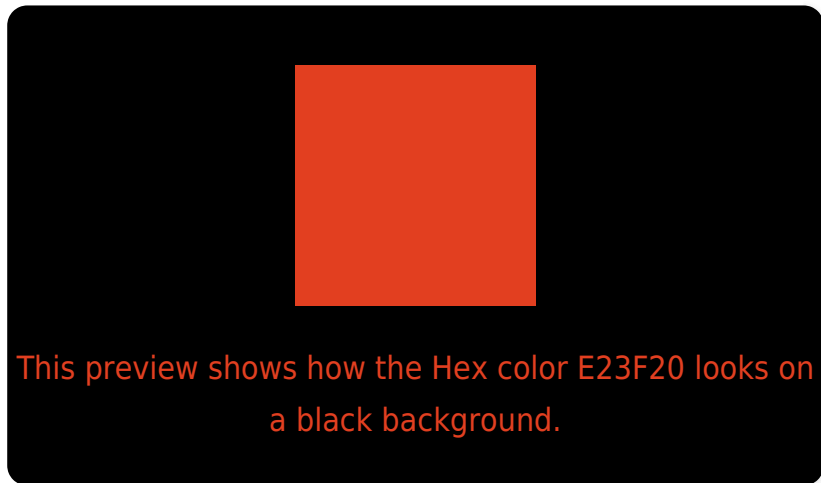
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E23F20 Background



This preview shows how black text looks on a background with the Hex color E23F20.



This preview shows how white text looks on a background with the Hex color E23F20.

# 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**  
E23F20

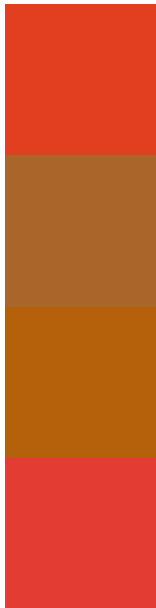
**Protanopia**  
8A7C2F

**Deuteranopia**  
9C7500



**Tritanopia**  
E33C3E

# Trichromacy



**Original Color**  
E23F20

**Protanomaly**  
AA662A

**Deuteranomaly**  
B5610C

**Tritanomaly**  
E33D33

# Monochromacy



**Original Color**  
E23F20

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
975C50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E23F20 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 #E23F20 looks like.

```
.text, #text, p{  
    color:#E23F20  
}
```

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 #E23F20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E23F20
}
```

## Border

The CSS property to change the border of an element to Hex E23F20 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".

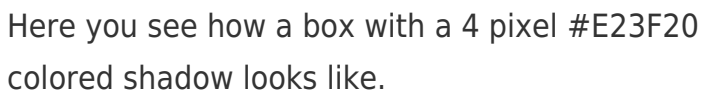
```
.border, #border, table{ border:4px solid
#E23F20 }
```

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

```
.border{ border-color:#E23F20 }
```

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

Here you see how a box with a 4 pixel #E23F20 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E23F20; -webkit-box-shadow:4px 4px  
4px 4px #E23F20; box-shadow:4px 4px 4px  
4px #E23F20 }
```

# Background

The CSS property to change the background color of an element to Hex E23F20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E23F20 }
```

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

```
.background{ background-color:#E23F20 }
```

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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