

# Converting Colors

Hex(E62D20)

Have a look what the booklet for  
Hex(E62D20) contains.

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# Color

Hex(E62D20)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E62D20
RGB	230, 45, 32
RGB Percent	90%, 18%, 13%
CMY	0.0980, 0.8235, 0.8745
CMYK	0.00, 0.80, 0.86, 0.10
HSL	4°, 80%, 51%
HSV	4°, 86%, 90%
XYZ	33.8322, 18.8041, 3.2129
YIQ	98.8330, 114.4330, 35.1770

# Conversions

## Conversions Part 2

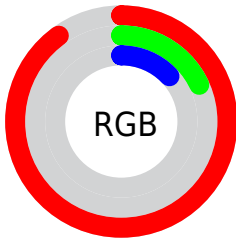
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">230, 46, 32</a>
Decimal	<a href="#">15084832</a>
CIELab	<a href="#">50.46, 67.90, 52.78</a>
CIElCh	<a href="#">50, 85.998, 37.859</a>
Yxy	<a href="#">18.8041, 0.6058, 0.3367</a>
Android (android.graphics.Color)	<a href="#">4293274912 (0xFFE62D20)</a>
YUV	<a href="#">98.8330, -32.9487, 115.0335</a>
Hunter-Lab	<a href="#">43.3636, 63.3790, 25.9616</a>

# Details

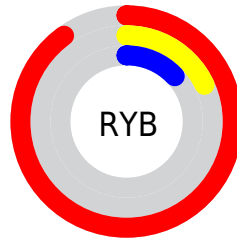
The Hex color **E62D20** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **20D9E6**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF6D50**, and **A50000** is the 20% darker color. If you saturate the color by 10%, you get **E61809**, and if you desaturate by 10%, it is **E64237**.

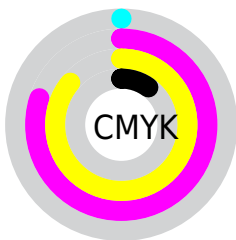
# Distribution



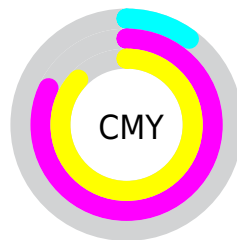
- Red (90%)
- Green (18%)
- Blue (13%)



- Red (90%)
- Yellow (18%)
- Blue (13%)



- Cyan (0%)
- Magenta (80%)
- Yellow (86%)
- Black (10%)



- Cyan (10%)
- Magenta (82%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E62D20 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 E62D20 by changing the saturation by 10% instead.



 E62D20

 E62D20

FFFFFFF

 C50007

 FF6D50

 A50000

 FF8A69

 850000

 FFA783

 650000

 FFC49D

 480003

 FFE2B9

 280001

 FFFFD4

 000000

 FFFFF1

 E62D20

 E62D20

 E61809

 E64237

 E60F00

 E6584E

 E66D65

 E6837C

 E69893

 E6AEAA

 E6C3C1

 E6D9D8

 E6EEEF

# Harmonies

## Analogous

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



F40068



E62D20



BD5F00

# Triad

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



E62D20



00933C



007CFF

# Complementary

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



E6D20



20D9E6

# 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



E62D20



00968A

# Square

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



E62D20



258B00



0095D1



8C59EE

# Rectangle

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



E62D20



977400



0095D1



0084FF



# Sweetspot

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



E62D20



FFC1BD



E620DC



805B58



000000



808080



# Same Dimension

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



E62D20



FF1100



E68D20



736867



B30C00



330300



# Inverse Universe

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



20D9E6



00EEFF



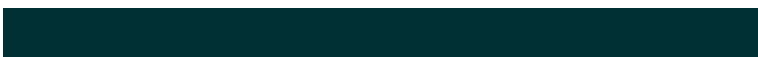
2079E6



677273



00A7B3



003033



# Previews

## White Background



This preview shows how the Hex color E62D20 looks on a white background.

## Color Contrast Check

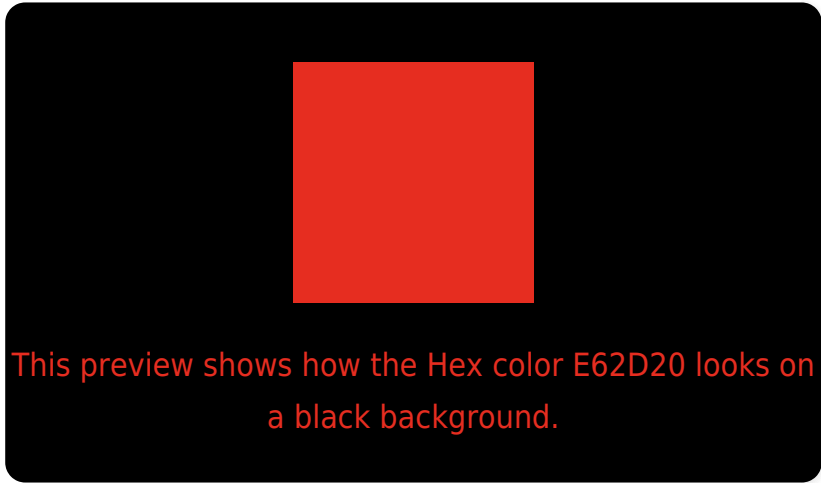
Large Text (above 18pt) WCAG AA ✓ Pass

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 E62D20 Background



This preview shows how black text looks on a background with the Hex color E62D20.



This preview shows how white text looks on a background with the Hex color E62D20.

# 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**  
E62D20

**Protanopia**  
867932

**Deuteranopia**  
997300



**Tritanopia**  
E62C2B

# Trichromacy



**Original Color**  
E62D20

**Protanomaly**  
A95D2B

**Deuteranomaly**  
B55A0C

**Tritanomaly**  
E62C27

# Monochromacy



**Original Color**  
E62D20

**Achromatopsia**  
636363

**Achromatomaly**  
934F4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E62D20 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 #E62D20 looks like.

```
.text, #text, p{  
    color:#E62D20  
}
```

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 #E62D20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E62D20
}
```

## Border

The CSS property to change the border of an element to Hex E62D20 is called "border". The border property can be set on classes, ids or directly on the HTML element.

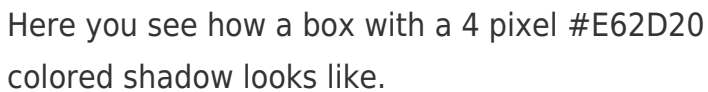
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E62D20 }
```

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

```
.border{ border-color:#E62D20 }
```

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



Here you see how a box with a 4 pixel #E62D20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E62D20; -webkit-box-shadow:4px 4px  
4px 4px #E62D20; box-shadow:4px 4px 4px  
4px #E62D20 }
```

# Background

The CSS property to change the background color of an element to Hex E62D20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E62D20 }
```

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

```
.background{ background-color:#E62D20 }
```

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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