

Converting Colors

Hex(3E2120)

Have a look what the booklet for
Hex(3E2120) contains.

Hex(3E2120)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3E2120)

Conversions

Conversions Part 1

Format	Color
Hex	3E2120
RGB	62, 33, 32
RGB Percent	24%, 13%, 13%
CMY	0.7569, 0.8706, 0.8745
CMYK	0.00, 0.47, 0.48, 0.76
HSL	2°, 32%, 18%
HSV	2°, 48%, 24%
XYZ	2.7912, 2.2161, 1.6471
YIQ	41.5570, 17.6050, 5.8370

Conversions

Conversions Part 2

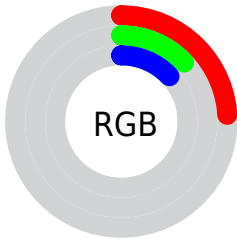
Format	Color
RYB	62, 33, 32
Decimal	4071712
CIELab	16.58, 13.82, 6.71
CIELCh	17, 15.361, 25.916
Yxy	2.2161, 0.4194, 0.3330
Android (android.graphics.Color)	4282261792 (0xFF3E2120)
YUV	41.5570, -4.7116, 17.9285
Hunter-Lab	14.8867, 7.4161, 3.8605

Details

The Hex color **3E2120** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **203D3E**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **6F4E4C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3E1B1A**, and if you desaturate by 10%, it is **3E2726**.

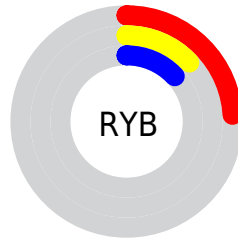
Distribution



Red (24%)

Green (13%)

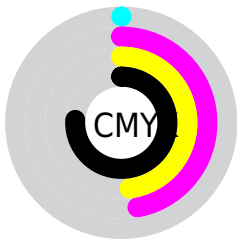
Blue (13%)



Red (24%)

Yellow (13%)

Blue (13%)

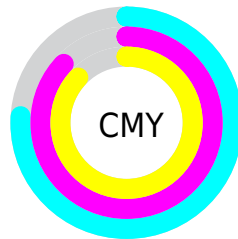


Cyan (0%)

Magenta (47%)

Yellow (48%)

Black (76%)



Cyan (76%)

Magenta (87%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E2120 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 3E2120 by changing the saturation by 10% instead.

■ 3E2120

■ 3E2120

FFFFFF

■ 280C08

■ 6F4E4C

■ 000000

■ 896664

■ A47F7D

■ BF9996

■ DBB4B1

■ F8CFCD

■ FFECE9

■ 3E2120

■ 3E2120

■ 3E1B1A

■ 3E2726

■ 3E1514

■ 3E2D2C

■ 3E0F0D

■ 3E3333

■ 3E0907

■ 3E3939

■ 3E0301

■ 3E3F3F

■ 3E0200

■ 3E4545

■ 3E4B4B

■ 3E5152

■ 3E5758

Harmonies

Analogous

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



3D202B



3E2120



3A2417

Triad

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



3E2120



192E1C



162B3F

Complementary

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



3E2120



203D3E

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.



012D3B



3E2120



092F27

Square

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



3E2120



262B15



002F32



28273D

Rectangle

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



3E2120



352714



002F32



0E2C3E

Sweetspot

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



3E2120



524645



3E203D



292221



A8A8A8



292929

Same Dimension

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



3E2120



522422



3E3020



1F1C1C



5E0300



DE0700

Inverse Universe

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



203D3E



225052



202E3E



1C1E1F



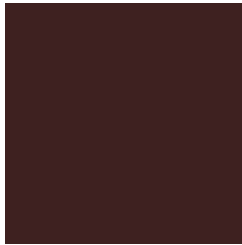
005B5E



00D6DE

Previews

White Background



This preview shows how the Hex color 3E2120 looks on a white background.

Color Contrast Check

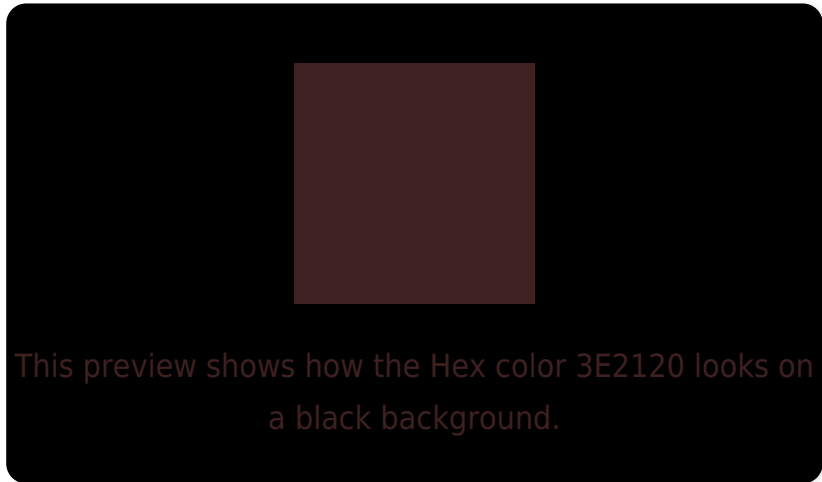
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

Hex 3E2120 Background



This preview shows how black text looks on a background with the Hex color 3E2120.

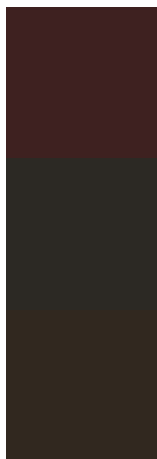


This preview shows how white text looks on a background with the Hex color 3E2120.

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](#).

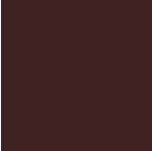
Dichromacy



Original Color
3E2120

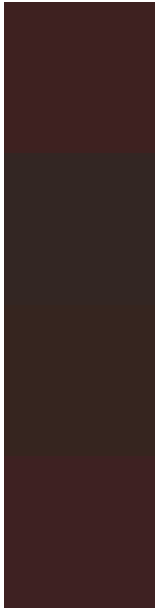
Protanopia
2C2924

Deuteranopia
31281F



Tritanopia
3E2123

Trichromacy



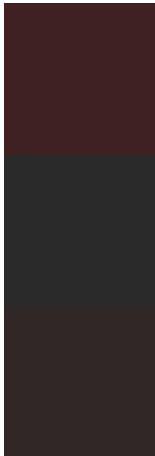
Original Color
3E2120

Protanomaly
332623

Deuteranomaly
36251F

Tritanomaly
3E2122

Monochromacy



Original Color
3E2120

Achromatopsia
2A2A2A

Achromatomaly
312726

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E2120 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 #3E2120 looks like.

```
.text, #text, p{  
    color:#3E2120  
}
```

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 #3E2120 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E2120
}
```

Border

The CSS property to change the border of an element to Hex 3E2120 is called "border". The border property can be set on classes, ids or directly on the HTML element.

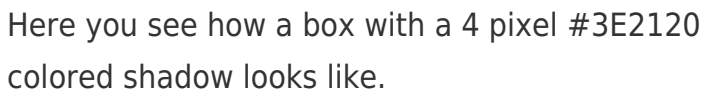
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E2120 }
```

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

```
.border{ border-color:#3E2120 }
```

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



Here you see how a box with a 4 pixel #3E2120 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E2120; -webkit-box-shadow:4px 4px  
4px 4px #3E2120; box-shadow:4px 4px 4px  
4px #3E2120 }
```

Background

The CSS property to change the background color of an element to Hex 3E2120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E2120 }
```

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

```
.background{ background-color:#3E2120 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor