

Converting Colors

Hex(240E0E)

Have a look what the booklet for
Hex(240E0E) contains.

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Color

Hex(240E0E)

Conversions

Conversions Part 1

Format	Color
Hex	240E0E
RGB	36, 14, 14
RGB Percent	14%, 5%, 5%
CMY	0.8588, 0.9451, 0.9451
CMYK	0.00, 0.61, 0.61, 0.86
HSL	0°, 44%, 10%
HSV	0°, 61%, 14%
XYZ	0.9639, 0.7209, 0.5038
YIQ	20.5780, 13.1120, 4.6640

Conversions

Conversions Part 2

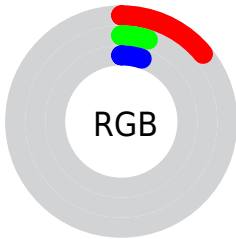
Format	Color
RYB	36, 14, 14
Decimal	2362894
CIELab	6.51, 11.19, 4.02
CIELCh	7, 11.893, 19.757
Yxy	0.7209, 0.4404, 0.3294
Android (android.graphics.Color)	4280552974 (0xFF240E0E)
YUV	20.5780, -3.2430, 13.5251
Hunter-Lab	8.4903, 5.4062, 2.4250

Details

The Hex color **240E0E** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0E2424**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **513839**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **240A0A**, and if you desaturate by 10%, it is **241212**.

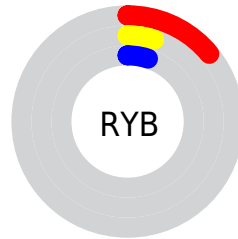
Distribution



Red (14%)

Green (5%)

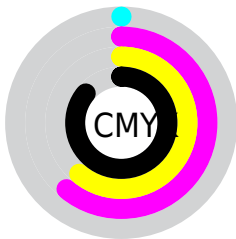
Blue (5%)



Red (14%)

Yellow (5%)

Blue (5%)

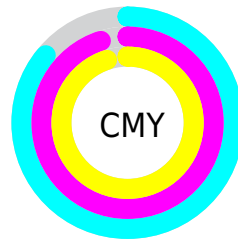


Cyan (0%)

Magenta (61%)

Yellow (61%)

Black (86%)



Cyan (86%)

Magenta (95%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 240E0E 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 240E0E by changing the saturation by 10% instead.

 240E0E

 240E0E

 FFEDEE

 000000

 513839

 6A4F50

 836768

 9E8181

 B99B9B

 D5B6B6

 F1D1D1

 240E0E

 240E0E

■ 240A0A

■ 241212

■ 240707

■ 241515

■ 240303

■ 241919

■ 240000

■ 241C1C

■ 242020

■ 242424

■ 242727

■ 242B2B

■ 242E2E

Harmonies

Analogous

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



220E18



240E0E



231002

Triad

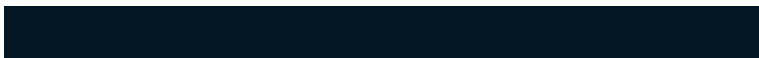
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240E0E



091805



021624

Complementary

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



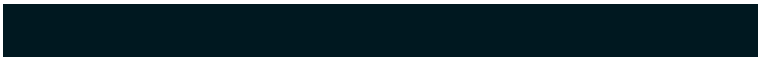
240E0E



0E2424

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.



001820



240E0E



001911

Square

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



240E0E



161600



00191A



111323

Rectangle

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



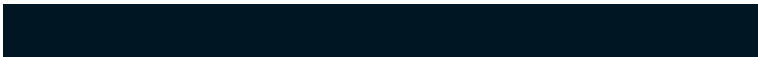
240E0E



201200



00191A



001723

Sweetspot

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



240E0E



2E2626



240E24



171212



969696



171717

Same Dimension

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



240E0E



2E0C0C



24190E



121010



520000



D10000

Inverse Universe

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



0E2424



0C2E2E



0E1924



101212



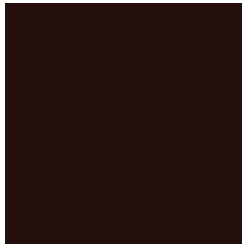
005252



00D1D1

Previews

White Background



This preview shows how the Hex color 240E0E looks on a white background.

Color Contrast Check

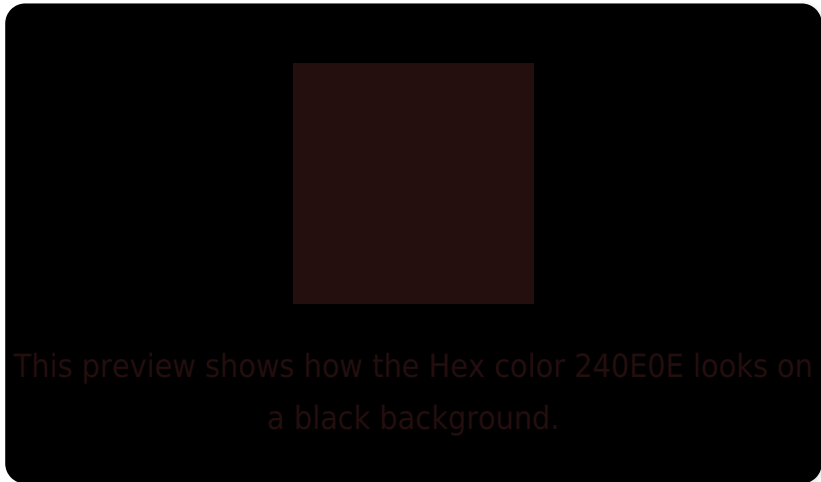
Large Text (above 18pt) WCAG AA ✓ Pass

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

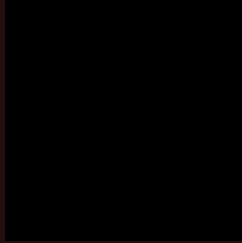
Any Text WCAG AA × Fail

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 240E0E Background



This preview shows how black text looks on a background with the Hex color 240E0E.



This preview shows how white text looks on a background with the Hex color 240E0E.

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](#).

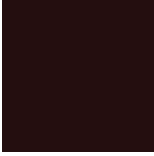
Dichromacy



Original Color
240E0E

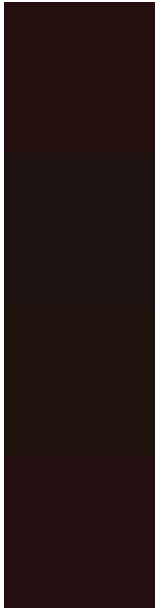
Protanopia
171511

Deuteranopia
1A140D



Tritanopia
240E0F

Trichromacy



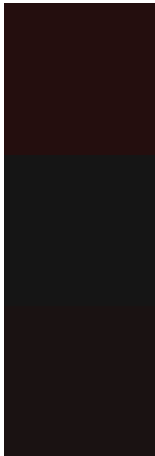
Original Color
240E0E

Protanomaly
1C1210

Deuteranomaly
1E120D

Tritanomaly
240E0F

Monochromacy



Original Color
240E0E

Achromatopsia
151515

Achromatomaly
1A1212

CSS Examples

Text

The CSS property to change the color of the text to Hex 240E0E 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 #240E0E looks like.

```
.text, #text, p{  
    color:#240E0E  
}
```

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 #240E0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #240E0E
}
```

Border

The CSS property to change the border of an element to Hex 240E0E is called "border". The border property can be set on classes, ids or directly on the HTML element.

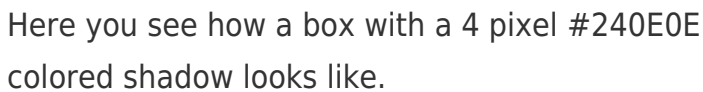
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#240E0E }
```

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

```
.border{ border-color:#240E0E }
```

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



Here you see how a box with a 4 pixel #240E0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #240E0E; -webkit-box-shadow:4px 4px  
4px 4px #240E0E; box-shadow:4px 4px 4px  
4px #240E0E }
```

Background

The CSS property to change the background color of an element to Hex 240E0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#240E0E }
```

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

```
.background{ background-color:#240E0E }
```

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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