

Converting Colors

Hex(240F13)

Have a look what the booklet for
Hex(240F13) contains.

Hex(240F13)	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(240F13)

Conversions

Conversions Part 1

Format	Color
Hex	240F13
RGB	36, 15, 19
RGB Percent	14%, 6%, 7%
CMY	0.8588, 0.9412, 0.9255
CMYK	0.00, 0.58, 0.47, 0.86
HSL	349°, 41%, 10%
HSV	349°, 58%, 14%
XYZ	1.0159, 0.7637, 0.7100
YIQ	21.7350, 11.2320, 5.6960

Conversions

Conversions Part 2

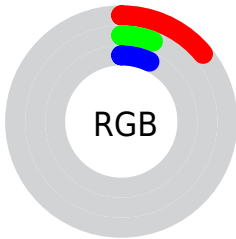
Format	Color
RYB	36, 15, 19
Decimal	2363155
CIELab	6.90, 11.44, 1.74
CIELCh	7, 11.570, 8.647
Yxy	0.7637, 0.4081, 0.3068
Android (android.graphics.Color)	4280553235 (0xFF240F13)
YUV	21.7350, -1.3484, 12.5104
Hunter-Lab	8.7392, 5.4569, 1.3008

Details

The Hex color **240F13** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0F2420**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **51393D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **240B10**, and if you desaturate by 10%, it is **241316**.

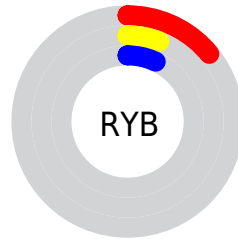
Distribution



Red (14%)

Green (6%)

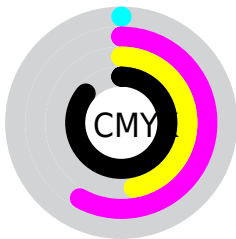
Blue (7%)



Red (14%)

Yellow (6%)

Blue (7%)

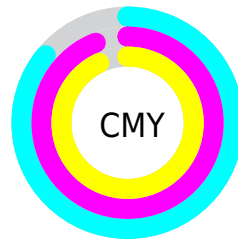


Cyan (0%)

Magenta (58%)

Yellow (47%)

Black (86%)



Cyan (86%)

Magenta (94%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 240F13 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 240F13 by changing the saturation by 10% instead.

 240F13

 240F13

 FFEFF3

 000000

 51393D

 6A5054

 83686D

 9E8286

 B99CA0

 D5B7BB

 F1D2D7

 240F13

 240F13

■ 240B10

■ 241316

■ 24080D

■ 241619

■ 24040A

■ 241A1C

■ 240107

■ 241D1F

■ 240007

■ 242122

■ 242524

■ 242827

■ 242C2A

■ 242F2D

Harmonies

Analogous

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



21101B



240F13



241008

Triad

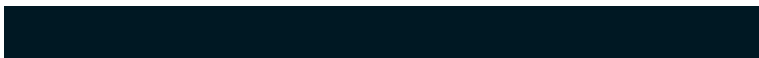
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240F13



101803



001823

Complementary

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



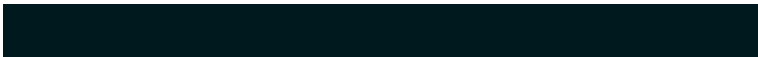
240F13



0F2420

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.



00191F



240F13



021A0E

Square

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



240F13



1A1500



001A17



0D1524

Rectangle

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



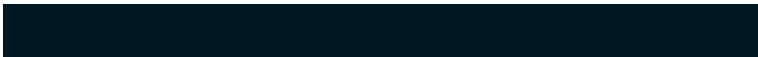
240F13



221201



001A17



001822

Sweetspot

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



240F13



2E2627



200F24



171213



969696



171717

Same Dimension

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



240F13



2E0E14



24150F



121010



520010



D10028

Inverse Universe

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



240F13



2E0E14



0F1E24



121010



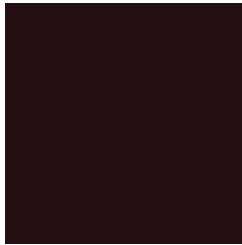
520010



D10028

Previews

White Background



This preview shows how the Hex color 240F13 looks on a white background.

Color Contrast Check

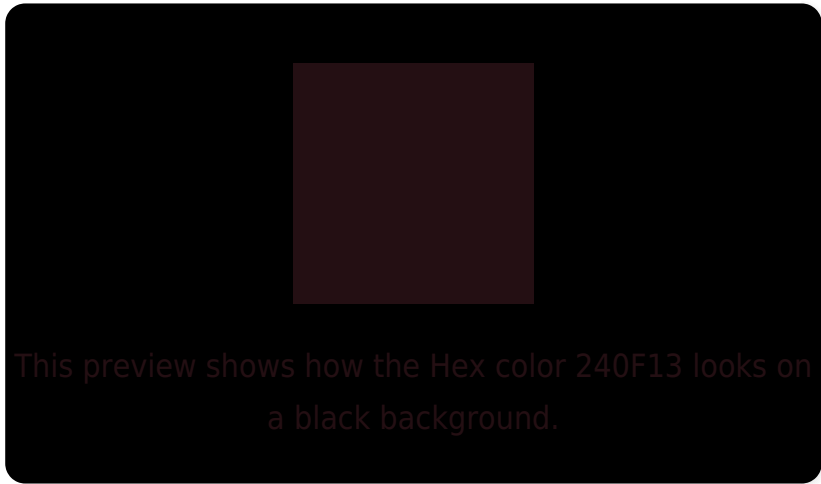
Large Text (above 18pt) WCAG AA ✓ Pass

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

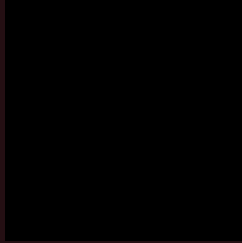
Any Text WCAG AA × Fail

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 240F13 Background



This preview shows how black text looks on a background with the Hex color 240F13.

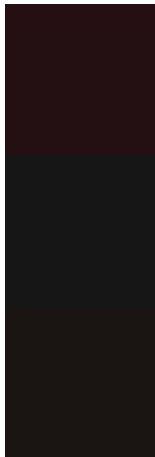


This preview shows how white text looks on a background with the Hex color 240F13.

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](#).

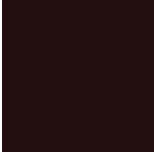
Dichromacy



Original Color
240F13

Protanopia
161617

Deuteranopia
1A1512



Tritanopia
240F10

Trichromacy



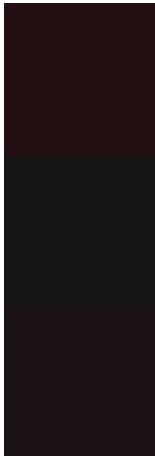
Original Color
240F13

Protanomaly
1B1316

Deuteranomaly
1E1312

Tritanomaly
240F11

Monochromacy



Original Color
240F13

Achromatopsia
161616

Achromatomaly
1B1315

CSS Examples

Text

The CSS property to change the color of the text to Hex 240F13 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 #240F13 looks like.

```
.text, #text, p{  
    color:#240F13  
}
```

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 #240F13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #240F13
}
```

Border

The CSS property to change the border of an element to Hex 240F13 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
#240F13 }
```

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

```
.border{ border-color:#240F13 }
```

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

Here you see how a box with a 4 pixel #240F13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #240F13; -webkit-box-shadow:4px 4px  
4px 4px #240F13; box-shadow:4px 4px 4px  
4px #240F13 }
```

Background

The CSS property to change the background color of an element to Hex 240F13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#240F13 }
```

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

```
.background{ background-color:#240F13 }
```

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