

Converting Colors

Hex(240F1A)

Have a look what the booklet for
Hex(240F1A) contains.

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Color

Hex(240F1A)

Conversions

Conversions Part 1

Format	Color
Hex	240F1A
RGB	36, 15, 26
RGB Percent	14%, 6%, 10%
CMY	0.8588, 0.9412, 0.8980
CMYK	0.00, 0.58, 0.28, 0.86
HSL	329°, 41%, 10%
HSV	329°, 58%, 14%
XYZ	1.0848, 0.7913, 1.0728
YIQ	22.5330, 8.9850, 7.8730

Conversions

Conversions Part 2

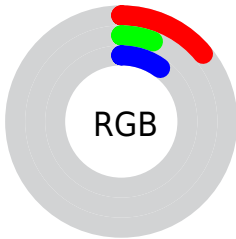
Format	Color
RYB	36, 15, 26
Decimal	2363162
CIELab	7.15, 12.80, -2.97
CIElCh	7, 13.140, 346.951
Yxy	0.7913, 0.3679, 0.2683
Android (android.graphics.Color)	4280553242 (0xFF240F1A)
YUV	22.5330, 1.7092, 11.8106
Hunter-Lab	8.8955, 6.2015, -0.9238

Details

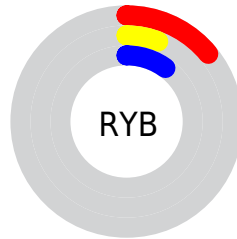
The Hex color **240F1A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0F2419**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **513945**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **240B18**, and if you desaturate by 10%, it is **24131C**.

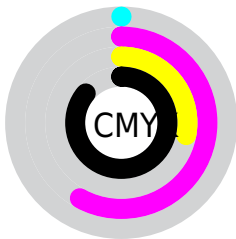
Distribution



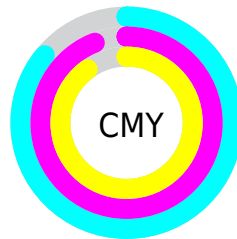
- Red (14%)
- Green (6%)
- Blue (10%)



- Red (14%)
- Yellow (6%)
- Blue (10%)



- Cyan (0%)
- Magenta (58%)
- Yellow (28%)
- Black (86%)



- Cyan (86%)
- Magenta (94%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Hex color 240F1A 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 240F1A by changing the saturation by 10% instead.

 240F1A

 240F1A

 FFEFFD

 010000

 513945

 000000

 6A505C

 836975

 9D828F

 B89CA9

 D4B7C4

 F1D2E0

 240F1A

 240F1A

■ 240B18

■ 24131C

■ 240817

■ 24161D

■ 240415

■ 241A1F

■ 240113

■ 241D21

■ 240013

■ 242123

■ 242524

■ 242826

■ 242C28

■ 242F29

Harmonies

Analogous

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



1D1222



240F1A



260F10

Triad

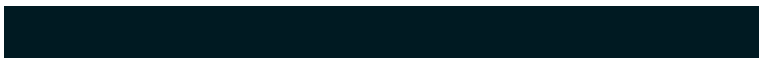
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240F1A



181700



001A22

Complementary

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



240F1A



0F2419

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.



001B1B



240F1A



0B1904

Square

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



240F1A



201400



001B11



001827

Rectangle

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



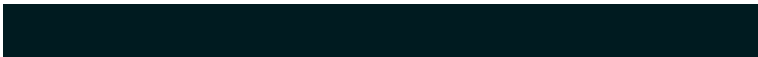
240F1A



261007



001B11



001B20

Sweetspot

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



240F1A



2E262A



190F24



171215



969696



171717

Same Dimension

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



240F1A



2E0E1F



240F10



121011



52002B



D1006E

Inverse Universe

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



240F1A



2E0E1F



0F2423



121011



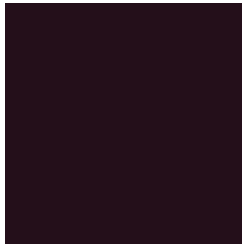
52002B



D1006E

Previews

White Background



This preview shows how the Hex color 240F1A looks on a white background.

Color Contrast Check

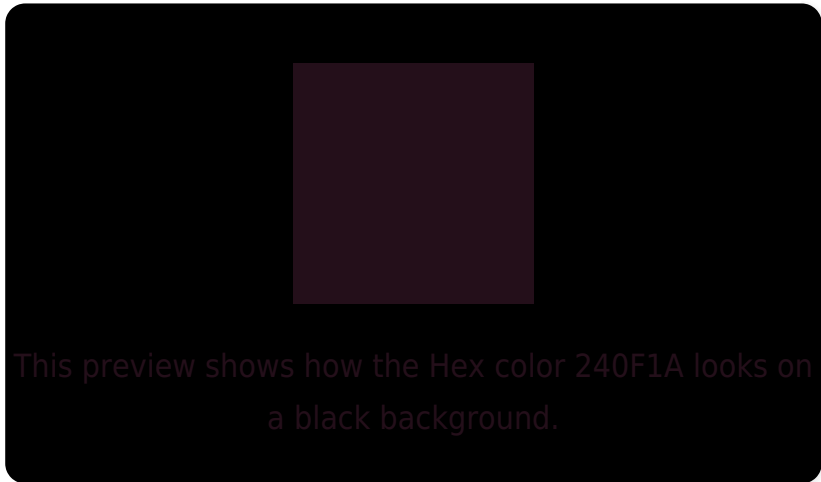
Large Text (above 18pt) WCAG AA ✓ Pass

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

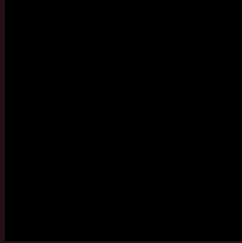
Any Text WCAG AA × Fail

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 240F1A Background



This preview shows how black text looks on a background with the Hex color 240F1A.



This preview shows how white text looks on a background with the Hex color 240F1A.

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

240F1A

Protanopia

14161F

Deuteranopia

181619



Tritanopia
231112

Trichromacy



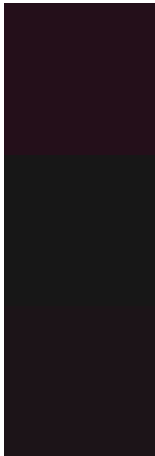
Original Color
240F1A

Protanomaly
1A131D

Deuteranomaly
1C1319

Tritanomaly
231015

Monochromacy



Original Color
240F1A

Achromatopsia
171717

Achromatomaly
1C1418

CSS Examples

Text

The CSS property to change the color of the text to Hex 240F1A 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 #240F1A looks like.

```
.text, #text, p{  
    color:#240F1A  
}
```

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 #240F1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #240F1A
}
```

Border

The CSS property to change the border of an element to Hex 240F1A is called "border". The border property can be set on classes, ids or directly on the HTML element.

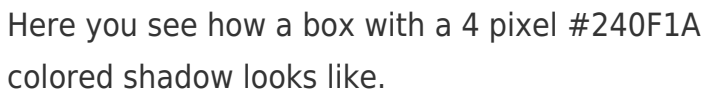
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#240F1A }
```

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

```
.border{ border-color:#240F1A }
```

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



Here you see how a box with a 4 pixel #240F1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #240F1A; -webkit-box-shadow:4px 4px  
4px 4px #240F1A; box-shadow:4px 4px 4px  
4px #240F1A }
```

Background

The CSS property to change the background color of an element to Hex 240F1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#240F1A }
```

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

```
.background{ background-color:#240F1A }
```

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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