

Converting Colors

Hex(10240F)

Have a look what the booklet for
Hex(10240F) contains.

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Color

Hex(10240F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 10240F |
| RGB | 16, 36, 15 |
| RGB Percent | 6%, 14%, 6% |
| CMY | 0.9373, 0.8588, 0.9412 |
| CMYK | 0.56, 0.00, 0.58, 0.86 |
| HSL | 117°, 41%, 10% |
| HSV | 117°, 58%, 14% |
| XYZ | 0.9308, 1.4064, 0.6743 |
| YIQ | 27.6260, -5.1790, -10.7710 |

Conversions

Conversions Part 2

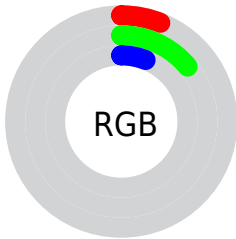
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 15, 36, 35 |
| Decimal | 1057807 |
| CIELab | 12.00, -13.72, 11.04 |
| CIELCh | 12, 17.611, 141.161 |
| Yxy | 1.4064, 0.3091, 0.4670 |
| Android (android.graphics.Color) | 4279247887 (0xFF10240F) |
| YUV | 27.6260, -6.2246, -10.1960 |
| Hunter-Lab | 11.8592, -6.7437, 4.9301 |

Details

The Hex color **10240F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **230F24**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **3B513A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D240B**, and if you desaturate by 10%, it is **132413**.

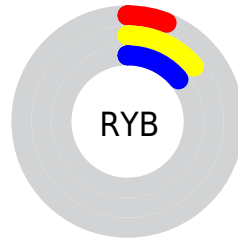
Distribution



Red (6%)

Green (14%)

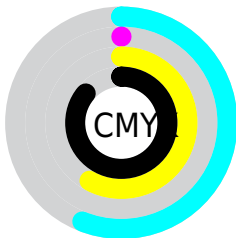
Blue (6%)



Red (6%)

Yellow (14%)

Blue (14%)

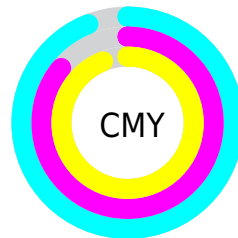


Cyan (56%)

Magenta (0%)

Yellow (58%)

Black (86%)



Cyan (94%)

Magenta (86%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10240F 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 10240F by changing the saturation by 10% instead.

 10240F

 10240F

 F2FFEF

 000D00

 3B513A

 000000

 526951

 6B8269

 849C82

 9EB79C

 B9D3B7

 D5EFD2

 10240F

 10240F

■ 0D240B

■ 132413

■ 092408

■ 172416

■ 062404

■ 1A241A

■ 022401

■ 1E241D

■ 022400

■ 212421

■ 252425

■ 282428

■ 2B242C

■ 2F242F

Harmonies

Analogous

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



1F2103



10240F



00251B

Triad

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



10240F



002237



361617

Complementary

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



10240F



230F24

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.



341524



10240F



1A1E36

Square

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



10240F



002432



2B192F



32190B

Rectangle

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



10240F



002624



2B192F



36151B

Sweetspot

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



10240F



262E26



24230F



121712



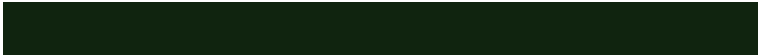
969696



171717

Same Dimension

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



10240F



0F2E0E



0F2418



101210



045200



0AD100

Inverse Universe

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



230F24



2C0E2E



240F1B



121012



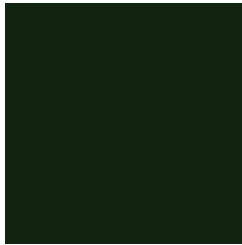
4E0052



C700D1

Previews

White Background



This preview shows how the Hex color 10240F looks on a white background.

Color Contrast Check

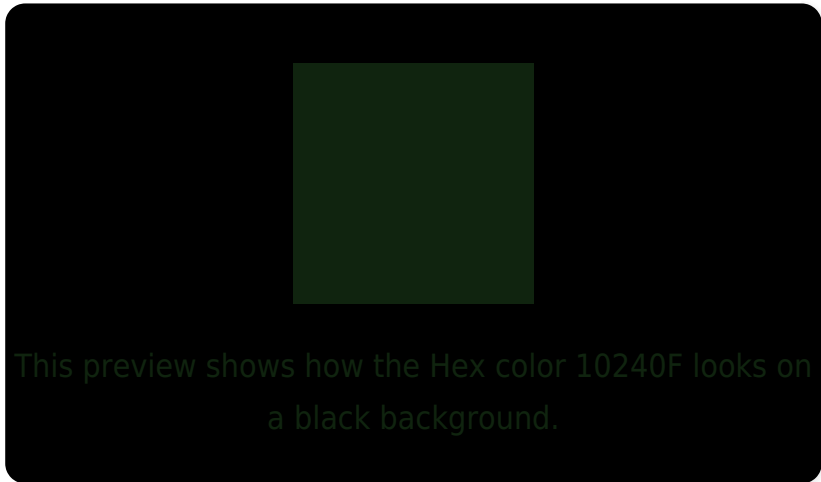
Large Text (above 18pt) WCAG AA ✓ Pass

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

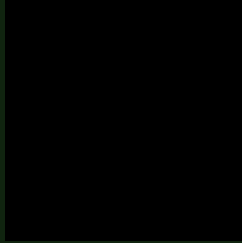
Any Text WCAG AA × Fail

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 10240F Background



This preview shows how black text looks on a background with the Hex color 10240F.



This preview shows how white text looks on a background with the Hex color 10240F.

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
10240F

Protanopia
23200E

Deuteranopia
271E11



Tritanopia
152225

Trichromacy



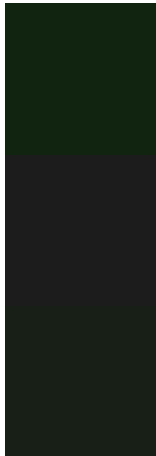
Original Color
10240F

Protanomaly
1C210E

Deuteranomaly
1F2010

Tritanomaly
13231D

Monochromacy



Original Color
10240F

Achromatopsia
1C1C1C

Achromatomaly
181F17

CSS Examples

Text

The CSS property to change the color of the text to Hex 10240F 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 #10240F looks like.

```
.text, #text, p{  
    color:#10240F  
}
```

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 #10240F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10240F
}
```

Border

The CSS property to change the border of an element to Hex 10240F 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".

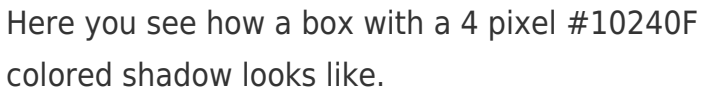
```
.border, #border, table{ border:4px solid
#10240F }
```

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

```
.border{ border-color:#10240F }
```

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

Here you see how a box with a 4 pixel #10240F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10240F; -webkit-box-shadow:4px 4px  
4px 4px #10240F; box-shadow:4px 4px 4px  
4px #10240F }
```

Background

The CSS property to change the background color of an element to Hex 10240F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10240F }
```

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

```
.background{ background-color:#10240F }
```

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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