

Converting Colors

Hex(10130F)

Have a look what the booklet for
Hex(10130F) contains.

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Color

Hex(10130F)

Conversions

Conversions Part 1

Format	Color
Hex	10130F
RGB	16, 19, 15
RGB Percent	6%, 7%, 6%
CMY	0.9373, 0.9255, 0.9412
CMYK	0.16, 0.00, 0.21, 0.93
HSL	105°, 12%, 7%
HSV	105°, 21%, 7%
XYZ	0.5328, 0.6104, 0.5417
YIQ	17.6470, -0.5040, -1.8800

Conversions

Conversions Part 2

Format	Color
RYB	15, 19, 18
Decimal	1053455
CIELab	5.51, -1.94, 1.76
CIELCh	6, 2.619, 137.822
Yxy	0.6104, 0.3162, 0.3623
Android (android.graphics.Color)	4279243535 (0xFF10130F)
YUV	17.6470, -1.3050, -1.4444
Hunter-Lab	7.8128, -1.4998, 1.3583

Details

The Hex color **10130F** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **120F13**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **3B3D3A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0F130D**, and if you desaturate by 10%, it is **111311**.

Distribution



Red (6%)

Green (7%)

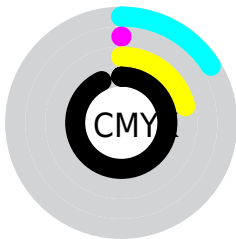
Blue (6%)



Red (6%)

Yellow (7%)

Blue (7%)

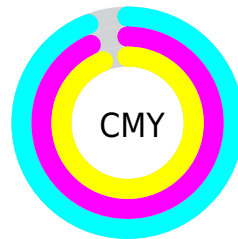


Cyan (16%)

Magenta (0%)

Yellow (21%)

Black (93%)



Cyan (94%)

Magenta (93%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10130F 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 10130F by changing the saturation by 10% instead.

■ 10130F

■ 10130F

■ F0F3EF

■ 000000

■ 3B3D3A

■ 525451

■ 6A6D69

■ 838682

■ 9DA09C

■ B8BBB7

■ D3D7D2

■ 10130F

■ 10130F

■ 0F130D

■ 111311

■ 0D130B

■ 131313

■ 0C1309

■ 141315

■ 0A1307

■ 161317

■ 091306

■ 171319

■ 071304

■ 19131A

■ 061302

■ 1A131C

■ 051300

■ 1B131E

■ 1D1320

Harmonies

Analogous

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



13120E



10130F



0E1311

Triad

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



10130F



0F1316



171111

Complementary

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



10130F



120F13

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.



161113



10130F



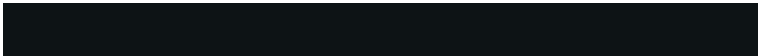
121216

Square

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



10130F



0D1315



141115



16110F

Rectangle

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



10130F



0D1313



141115



161112

Sweetspot

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



10130F



181A18



13120F



0C0D0C



8C8C8C



0D0D0D

Same Dimension

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



10130F



151A13



0F1310



090A09



124A00



32C900

Inverse Universe

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



120F13



18131A



130F12



0A090A



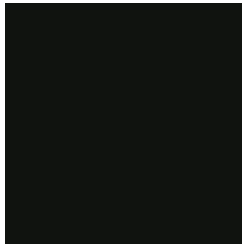
37004A



9700C9

Previews

White Background



This preview shows how the Hex color 10130F looks on a white background.

Color Contrast Check

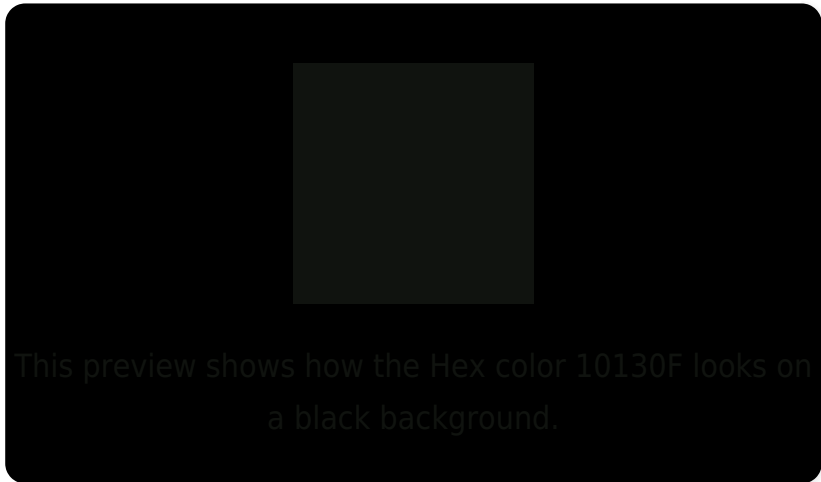
Large Text (above 18pt) WCAG AA ✓ Pass

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

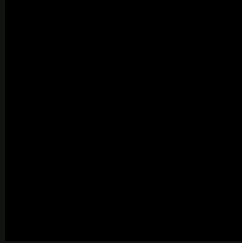
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

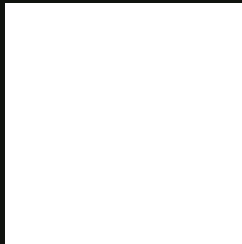
Any Text WCAG AAA × Fail

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

Hex 10130F Background



This preview shows how black text looks on a background with the Hex color 10130F.

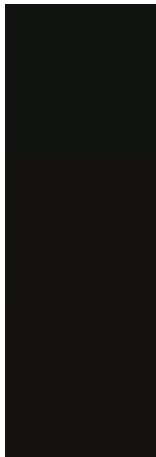


This preview shows how white text looks on a background with the Hex color 10130F.

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
10130F

Protanopia
13120F

Deuteranopia
15110F



Tritanopia
111214

Trichromacy



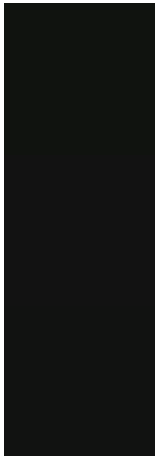
Original Color
10130F

Protanomaly
12120F

Deuteranomaly
13120F

Tritanomaly
111212

Monochromacy



Original Color
10130F

Achromatopsia
121212

Achromatomaly
111211

CSS Examples

Text

The CSS property to change the color of the text to Hex 10130F 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 #10130F looks like.

```
.text, #text, p{  
    color:#10130F  
}
```

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 #10130F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10130F
}
```

Border

The CSS property to change the border of an element to Hex 10130F is called "border". The border property can be set on classes, ids or directly on the HTML element.

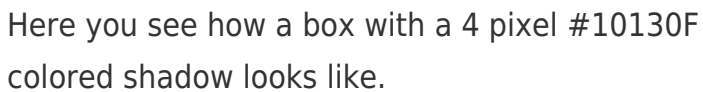
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#10130F }
```

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

```
.border{ border-color:#10130F }
```

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



Here you see how a box with a 4 pixel #10130F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10130F; -webkit-box-shadow:4px 4px  
4px 4px #10130F; box-shadow:4px 4px 4px  
4px #10130F }
```

Background

The CSS property to change the background color of an element to Hex 10130F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10130F }
```

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

```
.background{ background-color:#10130F }
```

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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