

Converting Colors

Hex(12090F)

Have a look what the booklet for
Hex(12090F) contains.

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Color

Hex(12090F)

Conversions

Conversions Part 1

Format	Color
Hex	12090F
RGB	18, 9, 15
RGB Percent	7%, 4%, 6%
CMY	0.9294, 0.9647, 0.9412
CMYK	0.00, 0.50, 0.17, 0.93
HSL	320°, 33%, 5%
HSV	320°, 50%, 7%
XYZ	0.4334, 0.3585, 0.4983
YIQ	12.3750, 3.4380, 3.7740

Conversions

Conversions Part 2

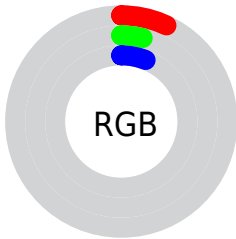
Format	Color
R_{YB}	18, 9, 15
Decimal	1181967
CIE Lab	3.24, 3.80, -1.54
CIE LCh	3, 4.098, 337.858
Yxy	0.3585, 0.3359, 0.2779
Android (android.graphics.Color)	4279372047 (0xFF12090F)
YUV	12.3750, 1.2941, 4.9331
Hunter-Lab	5.9872, 2.4427, -0.7434

Details

The Hex color **12090F** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **09120C**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **3C363A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **12070E**, and if you desaturate by 10%, it is **120B10**.

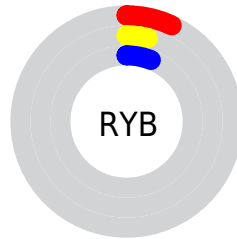
Distribution



Red (7%)

Green (4%)

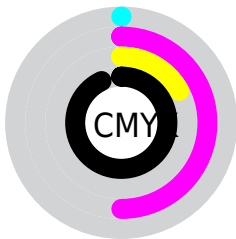
Blue (6%)



Red (7%)

Yellow (4%)

Blue (6%)

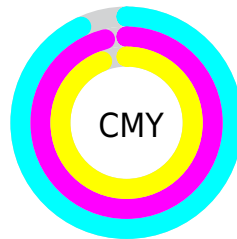


Cyan (0%)

Magenta (50%)

Yellow (17%)

Black (93%)



Cyan (93%)

Magenta (96%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12090F 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 12090F by changing the saturation by 10% instead.

■ 12090F

■ 12090F

■ F2E9EF

■ 000000

■ 3C363A

■ 534C51

■ 6B6469

■ 857D82

■ 9F979C

■ BAB2B7

■ D5CDD2

■ 12090F

■ 12090F

■ 12070E

■ 120B10

■ 12050E

■ 120D10

■ 12040D

■ 120E11

■ 12020D

■ 121011

■ 12000C

■ 121212

■ 121413

■ 121613

■ 121714

■ 121914

Harmonies

Analogous

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



0E0A12



12090F



14090B

Triad

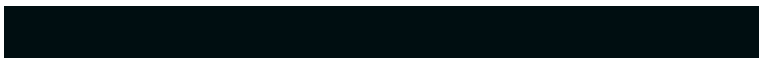
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12090F



0E0C02



000E11

Complementary

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



12090F



09120C

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.



010E0D



12090F



090D04

Square

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



12090F



120A03



040E08



030D13

Rectangle

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



12090F



140907



040E08



000E0F

Sweetspot

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



12090F



171416



0C0912



0D0A0C



8C8C8C



0D0D0D

Same Dimension

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



12090F



170912



12090B



0A090A



4A0031



C90086

Inverse Universe

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



12090F



170912



091210



0A090A



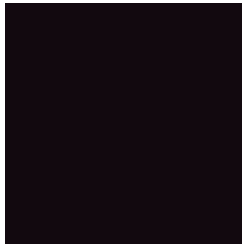
4A0031



C90086

Previews

White Background



This preview shows how the Hex color 12090F looks on a white background.

Color Contrast Check

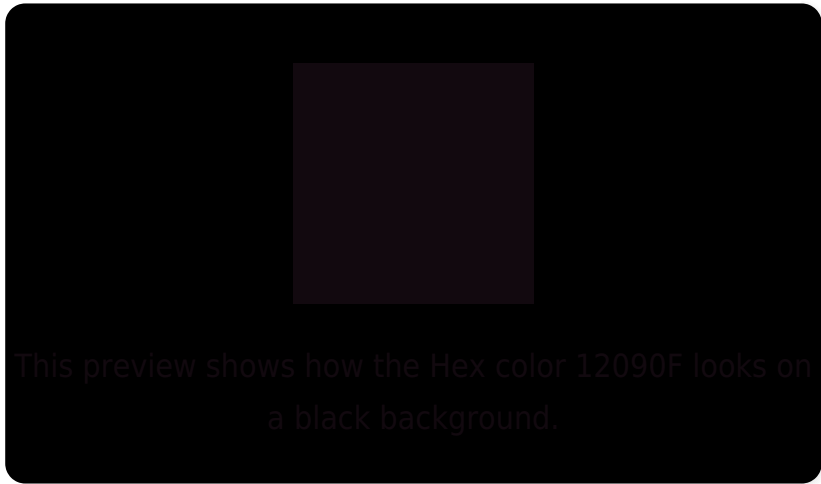
Large Text (above 18pt) WCAG AA ✓ Pass

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

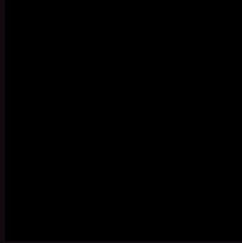
Any Text WCAG AA × Fail

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 12090F Background



This preview shows how black text looks on a background with the Hex color 12090F.



This preview shows how white text looks on a background with the Hex color 12090F.

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
12090F

Protanopia
0B0C11

Deuteranopia
0C0C0F



Tritanopia
120A0B

Trichromacy



Original Color
12090F

Protanomaly
0E0B10

Deuteranomaly
0E0B0F

Tritanomaly
120A0C

Monochromacy



Original Color
12090F

Achromatopsia
0C0C0C

Achromatomaly
0E0B0D

CSS Examples

Text

The CSS property to change the color of the text to Hex 12090F 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 #12090F looks like.

```
.text, #text, p{  
    color:#12090F  
}
```

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 #12090F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12090F
}
```

Border

The CSS property to change the border of an element to Hex 12090F is called "border". The border property can be set on classes, ids or directly on the HTML element.

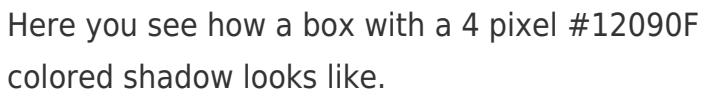
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#12090F }
```

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

```
.border{ border-color:#12090F }
```

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



Here you see how a box with a 4 pixel #12090F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12090F; -webkit-box-shadow:4px 4px  
4px 4px #12090F; box-shadow:4px 4px 4px  
4px #12090F }
```

Background

The CSS property to change the background color of an element to Hex 12090F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12090F }
```

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

```
.background{ background-color:#12090F }
```

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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