

Converting Colors

Hex(12091E)

Have a look what the booklet for
Hex(12091E) contains.

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Color

Hex(12091E)

Conversions

Conversions Part 1

Format	Color
Hex	12091E
RGB	18, 9, 30
RGB Percent	7%, 4%, 12%
CMY	0.9294, 0.9647, 0.8824
CMYK	0.40, 0.70, 0.00, 0.88
HSL	266°, 54%, 8%
HSV	266°, 70%, 12%
XYZ	0.5815, 0.4177, 1.2783
YIQ	14.0850, -1.3770, 8.4390

Conversions

Conversions Part 2

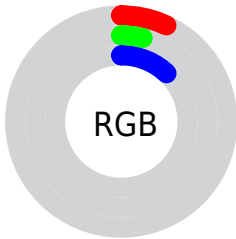
Format	Color
RYB	18, 9, 30
Decimal	1181982
CIELab	3.77, 7.56, -11.36
CIELCh	4, 13.647, 303.622
Yxy	0.4177, 0.2553, 0.1834
Android (android.graphics.Color)	4279372062 (0xFF12091E)
YUV	14.0850, 7.8461, 3.4335
Hunter-Lab	6.4630, 4.7494, -7.2024

Details

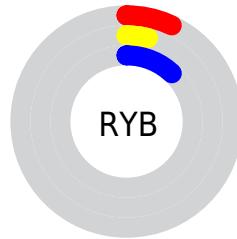
The Hex color **12091E** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **151E09**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **3C364A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **10061E**, and if you desaturate by 10%, it is **140C1E**.

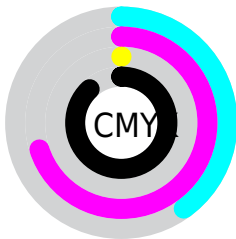
Distribution



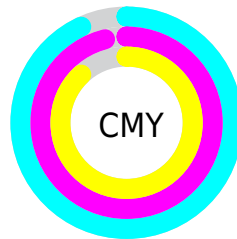
- Red (7%)
- Green (4%)
- Blue (12%)



- Red (7%)
- Yellow (4%)
- Blue (12%)



- Cyan (40%)
- Magenta (70%)
- Yellow (0%)
- Black (88%)



- Cyan (93%)
- Magenta (96%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12091E 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 12091E by changing the saturation by 10% instead.

■ 12091E

■ 12091E

■ F2E9FF

■ 000002

■ 3C364A

■ 000000

■ 534C61

■ 6B647A

■ 857D94

■ 9F97AF

■ BAB2CA

■ D5CDE6

■ 12091E

■ 12091E

■ 10061E

■ 140C1E

■ 0F031E

■ 150F1E

■ 0D001E

■ 17121E

■ 19151E

■ 1B181E

■ 1C1B1E

■ 1E1E1E

■ 20211E

■ 21241E

Harmonies

Analogous

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



000E21



12091E



1C0517

Triad

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



12091E



1B0800



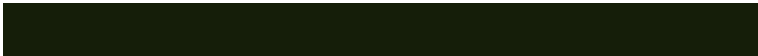
00150F

Complementary

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



12091E



151E09

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.



001400



12091E



110D00

Square

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



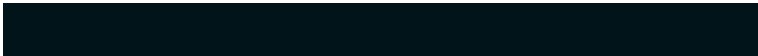
12091E



210400



021100



001419

Rectangle

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



12091E



200311



021100



001509

Sweetspot

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



12091E



221E26



09151E



110F14



949494



141414

Same Dimension

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



12091E



140626



1C091E



0E0E0F



22004F



5900CF

Inverse Universe

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



1E0915



260618



0B1E09



0F0E0F



4F002D



CF0076

Previews

White Background



This preview shows how the Hex color 12091E looks on a white background.

Color Contrast Check

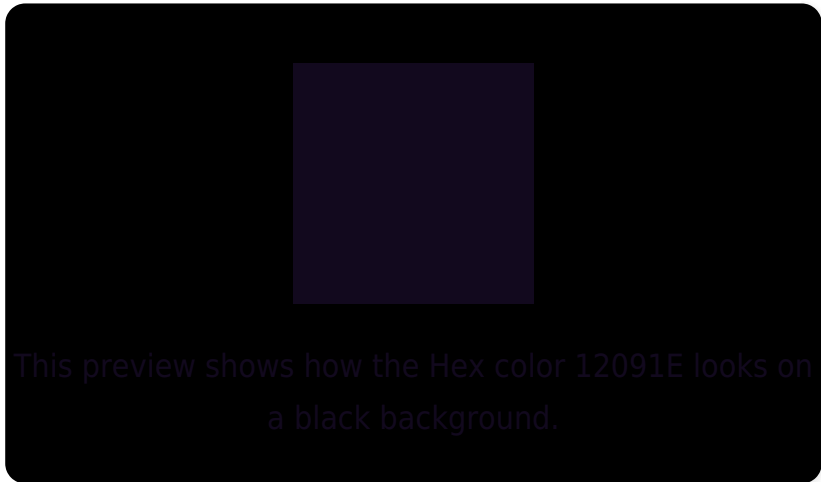
Large Text (above 18pt) WCAG AA ✓ Pass

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

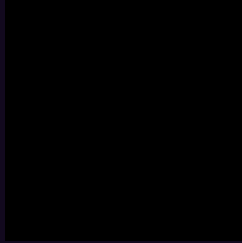
Any Text WCAG AA × Fail

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 12091E Background



This preview shows how black text looks on a background with the Hex color 12091E.



This preview shows how white text looks on a background with the Hex color 12091E.

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
12091E

Protanopia
000E1D

Deuteranopia
000F19

Trichromacy



Original Color
12091E

Protanomaly
070C1D

Deuteranomaly
070D1B

Tritanomaly
100C14

Monochromacy



Original Color
12091E

Achromatopsia
0E0E0E

Achromatomaly
0F0C14

CSS Examples

Text

The CSS property to change the color of the text to Hex 12091E 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 #12091E looks like.

```
.text, #text, p{  
    color:#12091E  
}
```

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 #12091E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12091E
}
```

Border

The CSS property to change the border of an element to Hex 12091E is called "border". The border property can be set on classes, ids or directly on the HTML element.

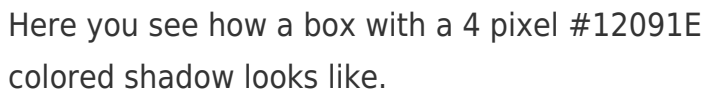
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#12091E }
```

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

```
.border{ border-color:#12091E }
```

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



Here you see how a box with a 4 pixel #12091E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12091E; -webkit-box-shadow:4px 4px  
4px 4px #12091E; box-shadow:4px 4px 4px  
4px #12091E }
```

Background

The CSS property to change the background color of an element to Hex 12091E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12091E }
```

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

```
.background{ background-color:#12091E }
```

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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