

Converting Colors

Hex(020F12)

Have a look what the booklet for
Hex(020F12) contains.

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Color

Hex(020F12)

Conversions

Conversions Part 1

Format	Color
Hex	020F12
RGB	2, 15, 18
RGB Percent	1%, 6%, 7%
CMY	0.9922, 0.9412, 0.9294
CMYK	0.89, 0.17, 0.00, 0.93
HSL	191°, 80%, 4%
HSV	191°, 89%, 7%
XYZ	0.3050, 0.3982, 0.6331
YIQ	11.4550, -8.7110, -1.8230

Conversions

Conversions Part 2

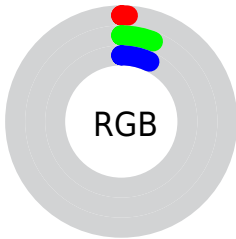
Format	Color
RYB	2, 9, 18
Decimal	134930
CIELab	3.60, -3.01, -2.85
CIELCh	4, 4.147, 223.472
Yxy	0.3982, 0.2283, 0.2980
Android (android.graphics.Color)	4278325010 (0xFF020F12)
YUV	11.4550, 3.2267, -8.2920
Hunter-Lab	6.3105, -2.4150, -1.5305

Details

The Hex color **020F12** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **120502**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **313A3C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **000F12**, and if you desaturate by 10%, it is **040F12**.

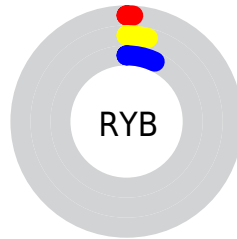
Distribution



Red (1%)

Green (6%)

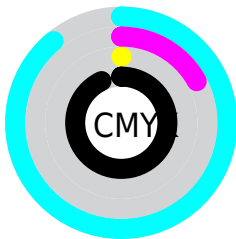
Blue (7%)



Red (1%)

Yellow (4%)

Blue (7%)

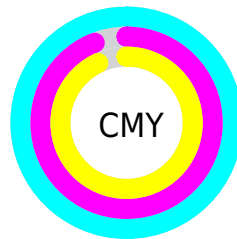


Cyan (89%)

Magenta (17%)

Yellow (0%)

Black (93%)



Cyan (99%)

Magenta (94%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 020F12 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 020F12 by changing the saturation by 10% instead.

■ 020F12

■ 020F12

■ E4EFF2

■ 000000

■ 313A3C

■ 475153

■ 5F696C

■ 788285

■ 929C9F

■ ACB7BA

■ C8D2D6

■ 020F12

■ 020F12

■ 000F12

■ 040F12

■ 061012

■ 071012

■ 091012

■ 0B1112

■ 0D1112

■ 0F1112

■ 101212

■ 121212

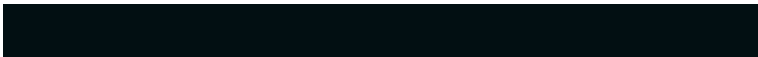
Harmonies

Analogous

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



020F0F



020F12



050E14

Triad

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



020F12



130A0F



0F0D03

Complementary

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



020F12



120502

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.



130C03



020F12



150A0B

Square

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



020F12



100B12



150A06



090E06

Rectangle

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



020F12



090D14



150A06



100D03

Sweetspot

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



020F12



111617



021205



090C0D



8C8C8C



0D0D0D

Same Dimension

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



020F12



001317



020712



090A0A



003C4A



00A4C9

Inverse Universe

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



12020F



170013



120D02



0A090A



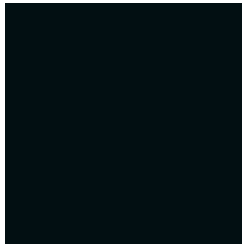
4A003C



C900A4

Previews

White Background



This preview shows how the Hex color 020F12 looks on a white background.

Color Contrast Check

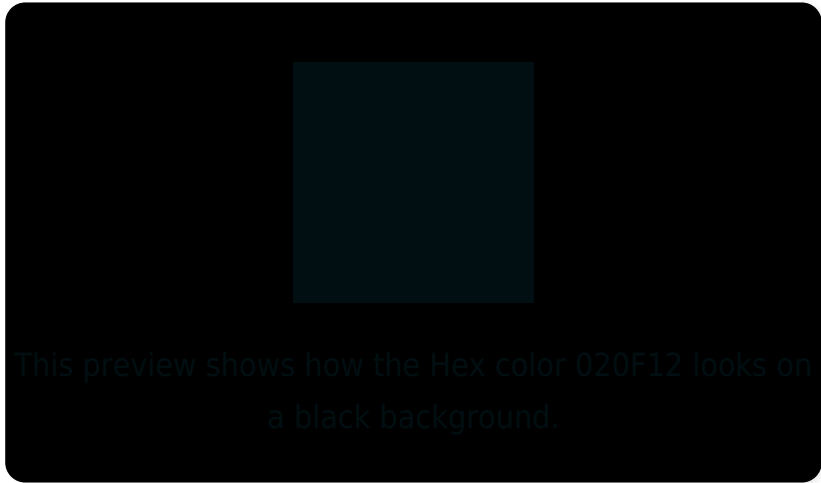
Large Text (above 18pt) WCAG AA ✓ Pass

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

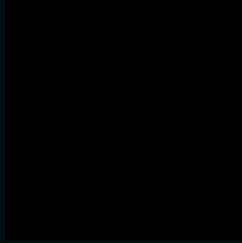
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

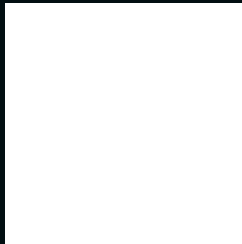
Any Text WCAG AAA × Fail

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

Hex 020F12 Background



This preview shows how black text looks on a background with the Hex color 020F12.



This preview shows how white text looks on a background with the Hex color 020F12.

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
020F12

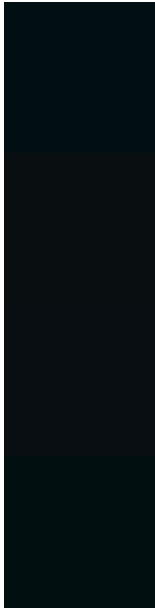
Protanopia
0D0E11

Deuteranopia
0C0D12



Tritanopia
000F10

Trichromacy



Original Color

020F12

Protanomaly

090E11

Deuteranomaly

080E12

Tritanomaly

010F11

Monochromacy



Original Color

020F12

Achromatopsia

0B0B0B

Achromatomaly

080C0E

CSS Examples

Text

The CSS property to change the color of the text to Hex 020F12 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 #020F12 looks like.

```
.text, #text, p{  
    color:#020F12  
}
```

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 #020F12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #020F12
}
```

Border

The CSS property to change the border of an element to Hex 020F12 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
#020F12 }
```

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

```
.border{ border-color:#020F12 }
```

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

Here you see how a box with a 4 pixel #020F12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #020F12; -webkit-box-shadow:4px 4px  
4px 4px #020F12; box-shadow:4px 4px 4px  
4px #020F12 }
```

Background

The CSS property to change the background color of an element to Hex 020F12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#020F12 }
```

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

```
.background{ background-color:#020F12 }
```

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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