

Converting Colors

Hex(100F20)

Have a look what the booklet for
Hex(100F20) contains.

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Color

Hex(100F20)

Conversions

Conversions Part 1

Format	Color
Hex	100F20
RGB	16, 15, 32
RGB Percent	6%, 6%, 13%
CMY	0.9373, 0.9412, 0.8745
CMYK	0.50, 0.53, 0.00, 0.87
HSL	244°, 36%, 9%
HSV	244°, 53%, 13%
XYZ	0.6452, 0.5561, 1.4398
YIQ	17.2370, -4.8610, 5.4990

Conversions

Conversions Part 2

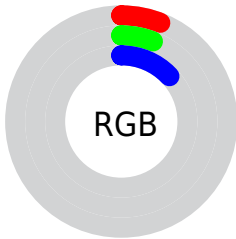
Format	Color
RYB	16, 15, 32
Decimal	1052448
CIELab	5.02, 4.78, -11.05
CIELCh	5, 12.038, 293.393
Yxy	0.5561, 0.2443, 0.2105
Android (android.graphics.Color)	4279242528 (0xFF100F20)
YUV	17.2370, 7.2782, -1.0848
Hunter-Lab	7.4572, 2.3945, -6.2277

Details

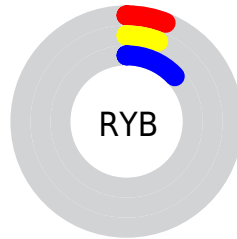
The Hex color **100F20** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1F200F**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **3A3A4C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D0C20**, and if you desaturate by 10%, it is **131220**.

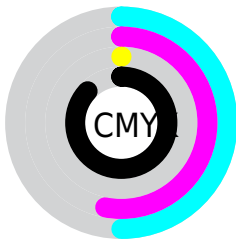
Distribution



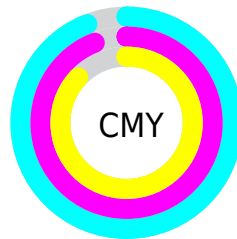
- Red (6%)
- Green (6%)
- Blue (13%)



- Red (6%)
- Yellow (6%)
- Blue (13%)



- Cyan (50%)
- Magenta (53%)
- Yellow (0%)
- Black (87%)



- Cyan (94%)
- Magenta (94%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 100F20 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 100F20 by changing the saturation by 10% instead.

■ 100F20

■ 100F20

■ F0EFFF

■ 000006

■ 3A3A4C

■ 000000

■ 515164

■ 6A697D

■ 838297

■ 9D9CB1

■ B8B7CD

■ D4D2E9

■ 100F20

■ 100F20

■ 0D0C20

■ 131220

■ 0A0920

■ 161520

■ 070520

■ 191920

■ 040220

■ 1C1C20

■ 020020

■ 1F1F20

■ 222220

■ 252520

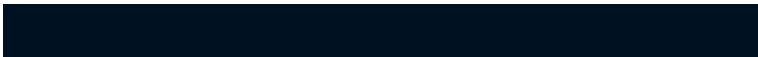
■ 282920

■ 2B2C20

Harmonies

Analogous

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



001221



100F20



1B0B1B

Triad

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



100F20



200C00



00170E

Complementary

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



100F20



1F200F

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.



011500



100F20



191000

Square

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



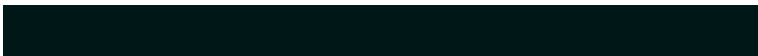
100F20



220907



0F1300



001718

Rectangle

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



100F20



1F0A16



0F1300



001609

Sweetspot

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



100F20



232229



0F1F20



111114



949494



141414

Same Dimension

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



100F20



100F29



180F20



0E0E0F



05004F



0C00CF

Inverse Universe

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



200F1F



290F27



17200F



0F0E0F



4F004A



CF00C2

Previews

White Background



This preview shows how the Hex color 100F20 looks on a white background.

Color Contrast Check

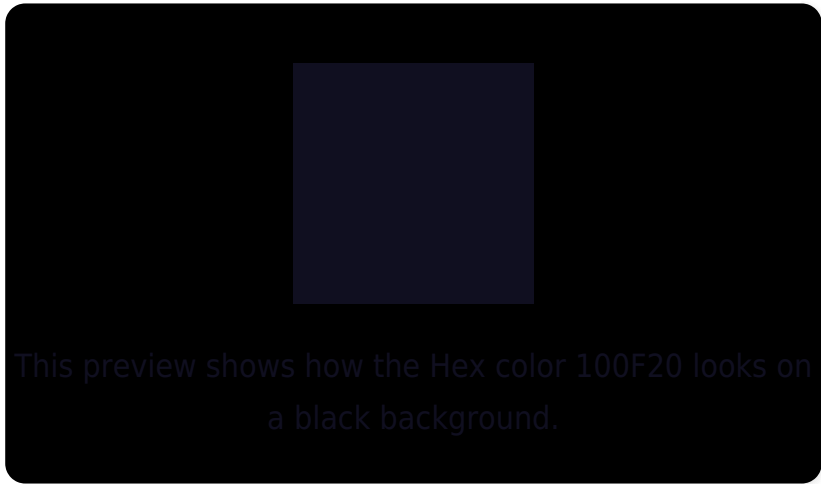
Large Text (above 18pt) WCAG AA ✓ Pass

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

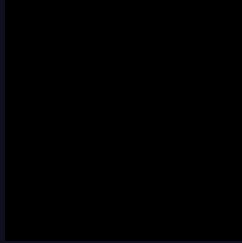
Any Text WCAG AA × Fail

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 100F20 Background



This preview shows how black text looks on a background with the Hex color 100F20.



This preview shows how white text looks on a background with the Hex color 100F20.

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
100F20

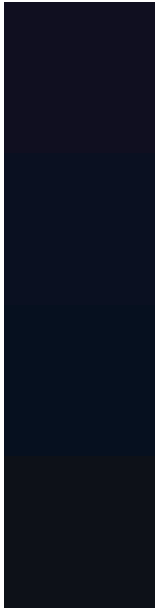
Protanopia
071122

Deuteranopia
00111F



Tritanopia
0C1214

Trichromacy



Original Color

100F20

Protanomaly

0A1021

Deuteranomaly

06101F

Tritanomaly

0D1118

Monochromacy



Original Color

100F20

Achromatopsia

111111

Achromatomaly

111016

CSS Examples

Text

The CSS property to change the color of the text to Hex 100F20 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 #100F20 looks like.

```
.text, #text, p{  
    color:#100F20  
}
```

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 #100F20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #100F20
}
```

Border

The CSS property to change the border of an element to Hex 100F20 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
#100F20 }
```

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

```
.border{ border-color:#100F20 }
```

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

Here you see how a box with a 4 pixel #100F20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #100F20; -webkit-box-shadow:4px 4px  
4px 4px #100F20; box-shadow:4px 4px 4px  
4px #100F20 }
```

Background

The CSS property to change the background color of an element to Hex 100F20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#100F20 }
```

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

```
.background{ background-color:#100F20 }
```

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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