

Converting Colors

Hex(121F32)

Have a look what the booklet for
Hex(121F32) contains.

Hex(121F32)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(121F32)

Conversions

Conversions Part 1

Format	Color
Hex	121F32
RGB	18, 31, 50
RGB Percent	7%, 12%, 20%
CMY	0.9294, 0.8784, 0.8039
CMYK	0.64, 0.38, 0.00, 0.80
HSL	216°, 47%, 13%
HSV	216°, 64%, 20%
XYZ	1.3152, 1.3389, 3.2067
YIQ	29.2790, -13.8470, 3.1530

Conversions

Conversions Part 2

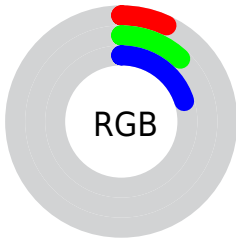
Format	Color
R_YB	18, 27, 50
Decimal	1187634
CIE Lab	11.54, 1.31, -14.27
CIE LCh	12, 14.333, 275.248
Yxy	1.3389, 0.2244, 0.2284
Android (android.graphics.Color)	4279377714 (0xFF121F32)
YUV	29.2790, 10.2155, -9.8917
Hunter-Lab	11.5709, 0.0394, -8.3318

Details

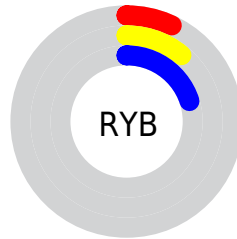
The Hex color **121F32** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **322512**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **3F4B60**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D1C32**, and if you desaturate by 10%, it is **172232**.

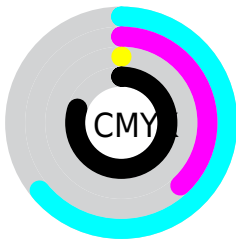
Distribution



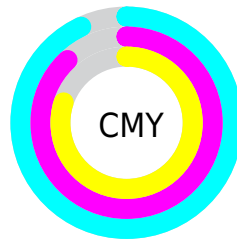
- Red (7%)
- Green (12%)
- Blue (20%)



- Red (7%)
- Yellow (11%)
- Blue (20%)



- Cyan (64%)
- Magenta (38%)
- Yellow (0%)
- Black (80%)



- Cyan (93%)
- Magenta (88%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 121F32 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 121F32 by changing the saturation by 10% instead.

■ 121F32

■ 121F32

■ F8FFFF

■ 00061D

■ 3F4B60

■ 000000

■ 576279

■ 707B93

■ 8995AE

■ A4B0C9

■ BFCBE5

■ DBE7FF

■ 121F32

■ 121F32

■ 0D1C32

■ 172232

■ 081932

■ 1C2532

■ 031632

■ 212832

■ 001432

■ 262B32

■ 2B2E32

■ 303132

■ 353432

■ 3A3732

■ 3F3A32

Harmonies

Analogous

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



002230



121F32



221B2F

Triad

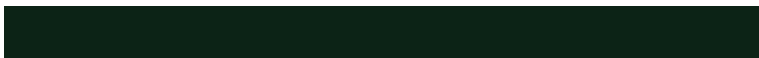
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



121F32



301814



0C2316

Complementary

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



121F32



322512

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.



19210D



121F32



2C1B0A

Square

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



121F32



31171D



241F07



002420

Rectangle

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



121F32



29192A



241F07



112313

Sweetspot

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



121F32



343940



123225



1A1D21



A1A1A1



212121

Same Dimension

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



121F32



0F2340



151232



17181A



002459



0058D9

Inverse Universe

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



32121F



400F23



2F3212



1A1718



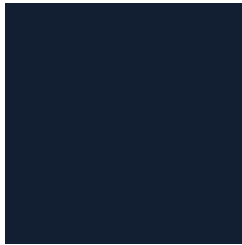
590024



D90058

Previews

White Background



This preview shows how the Hex color 121F32 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

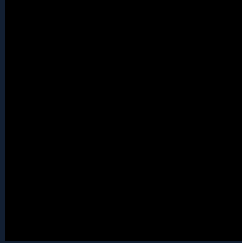
Any Text WCAG AA × Fail

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 121F32 Background



This preview shows how black text looks on a background with the Hex color 121F32.



This preview shows how white text looks on a background with the Hex color 121F32.

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
121F32

Protanopia
171E31

Deuteranopia
131F32

Trichromacy



Original Color
121F32

Protanomaly
151E31

Deuteranomaly
131F32

Tritanomaly
0E212A

Monochromacy



Original Color
121F32

Achromatopsia
1D1D1D

Achromatomaly
191E25

CSS Examples

Text

The CSS property to change the color of the text to Hex 121F32 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 #121F32 looks like.

```
.text, #text, p{  
    color:#121F32  
}
```

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 #121F32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #121F32
}
```

Border

The CSS property to change the border of an element to Hex 121F32 is called "border". The border property can be set on classes, ids or directly on the HTML element.

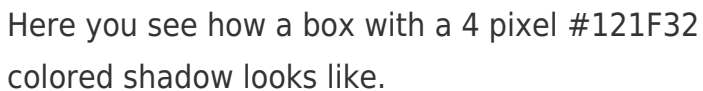
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#121F32 }
```

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

```
.border{ border-color:#121F32 }
```

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



Here you see how a box with a 4 pixel #121F32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #121F32; -webkit-box-shadow:4px 4px  
4px 4px #121F32; box-shadow:4px 4px 4px  
4px #121F32 }
```

Background

The CSS property to change the background color of an element to Hex 121F32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#121F32 }
```

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

```
.background{ background-color:#121F32 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor