

Converting Colors

Hex(112E21)

Have a look what the booklet for
Hex(112E21) contains.

Hex(112E21)	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(112E21)

Conversions

Conversions Part 1	
Format	Color
Hex	112E21
RGB	17, 46, 33
RGB Percent	7%, 18%, 13%
CMY	0.9333, 0.8196, 0.8706
CMYK	0.63, 0.00, 0.28, 0.82
HSL	153°, 46%, 12%
HSV	153°, 63%, 18%
XYZ	1.4827, 2.1830, 1.7821
YIQ	35.8470, -13.1110, -10.1910

Conversions

Conversions Part 2

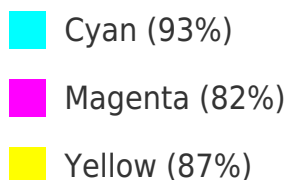
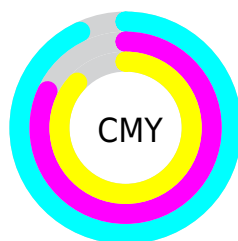
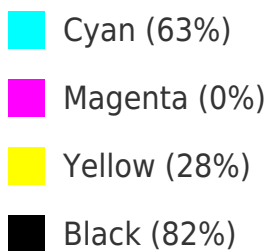
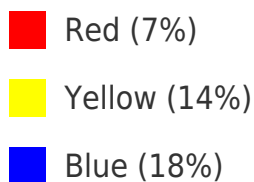
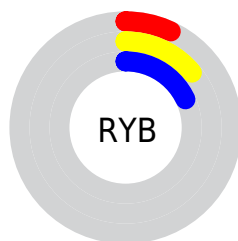
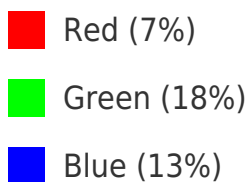
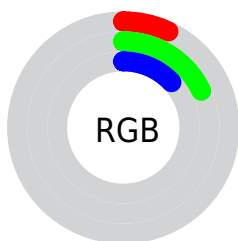
Format	Color
RYB	17, 36, 46
Decimal	1125921
CIELab	16.42, -14.81, 5.12
CIELCh	16, 15.667, 160.937
Yxy	2.1830, 0.2722, 0.4007
Android (android.graphics.Color)	4279316001 (0xFF112E21)
YUV	35.8470, -1.4036, -16.5288
Hunter-Lab	14.7749, -7.9433, 3.1912

Details

The Hex color **112E21** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2E111E**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **3E5C4D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0C2E1F**, and if you desaturate by 10%, it is **162E23**.


Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 112E21 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 112E21 by changing the saturation by 10% instead.

 112E21

 112E21

 F6FFFF

 001A0A

 3E5C4D

 000000

 567565


 6E8E7E

 88A998

 A3C4B3

 BEE0CE

 DAFDEA

 112E21

 112E21

■ 0C2E1F

■ 162E23

■ 082E1D

■ 1A2E25

■ 032E1B

■ 1F2E27

■ 002E19

■ 232E29

■ 282E2B

■ 2D2E2D

■ 312E2F

■ 362E31

■ 3A2E34

Harmonies

Analogous

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



202C17



112E21



002F2C

Triad

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



112E21



1F283E



3C221B

Complementary

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



112E21



2E111E

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.



3E2025



112E21



2F243A

Square

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



112E21



082C3E



3A2130



362614

Rectangle

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



112E21



002E34



3A2130



3E211E

Sweetspot

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



112E21



303B36



1E2E11



181F1B



9E9E9E



1F1F1F

Same Dimension

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



112E21



0E3B27



112D2E



151716



005730



00D676

Inverse Universe

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



2E111E



3B0E22



2E1211



171516



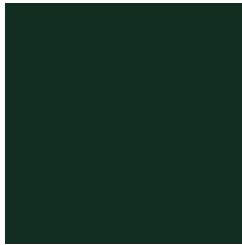
570027



D60060

Previews

White Background



This preview shows how the Hex color 112E21 looks on a white background.

Color Contrast Check

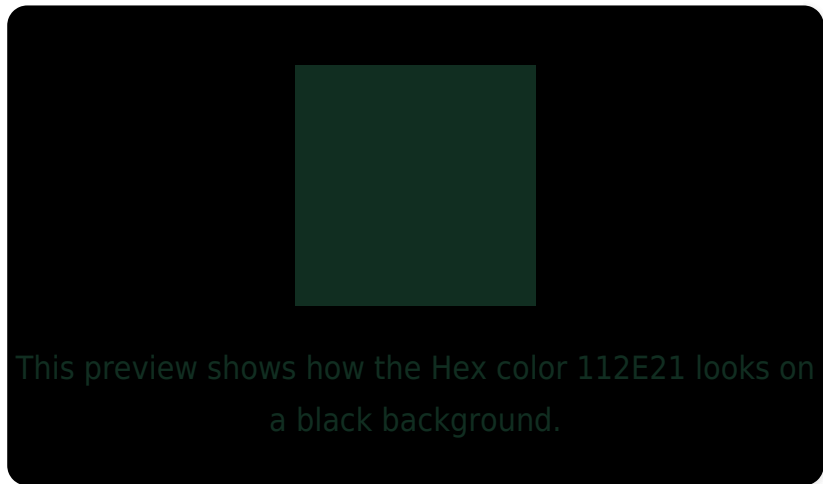
Large Text (above 18pt) WCAG AA ✓ Pass

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

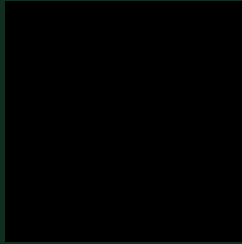
Any Text WCAG AA × Fail

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 112E21 Background



This preview shows how black text looks on a background with the Hex color 112E21.



This preview shows how white text looks on a background with the Hex color 112E21.

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](#).

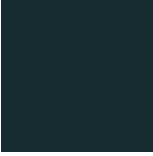
Dichromacy



Original Color
112E21


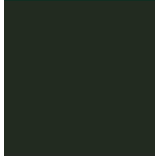
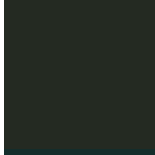
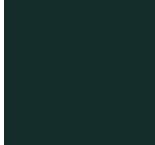
Protanopia
2C291F

Deuteranopia
2F2723


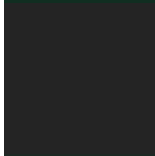
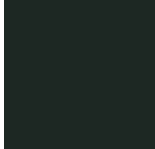


Tritanopia
162C30

Trichromacy

	Original Color 112E21
	Protanomaly 222B20
	Deuteranomaly 242A22
	Tritanomaly 142D2B

Monochromacy

	Original Color 112E21
	Achromatopsia 242424
	Achromatomaly 1D2823

CSS Examples

Text

The CSS property to change the color of the text to Hex 112E21 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 #112E21 looks like.

```
.text, #text, p{  
    color:#112E21  
}
```

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 #112E21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #112E21
}
```

Border

The CSS property to change the border of an element to Hex 112E21 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
#112E21 }
```

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

```
.border{ border-color:#112E21 }
```

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

Here you see how a box with a 4 pixel #112E21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #112E21; -webkit-box-shadow:4px 4px  
4px 4px #112E21; box-shadow:4px 4px 4px  
4px #112E21 }
```

Background

The CSS property to change the background color of an element to Hex 112E21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#112E21 }
```

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

```
.background{ background-color:#112E21 }
```

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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