

Converting Colors

Hex(113D11)

Have a look what the booklet for
Hex(113D11) contains.

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Color

Hex(113D11)

Conversions

Conversions Part 1

Format	Color
Hex	113D11
RGB	17, 61, 17
RGB Percent	7%, 24%, 7%
CMY	0.9333, 0.7608, 0.9333
CMYK	0.72, 0.00, 0.72, 0.76
HSL	120°, 56%, 15%
HSV	120°, 72%, 24%
XYZ	2.0011, 3.4971, 1.0999
YIQ	42.8280, -12.1000, -23.0120

Conversions

Conversions Part 2

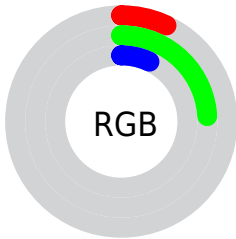
Format	Color
RYB	17, 61, 61
Decimal	1129745
CIELab	21.93, -25.44, 22.17
CIELCh	22, 33.748, 138.935
Yxy	3.4971, 0.3033, 0.5300
Android (android.graphics.Color)	4279319825 (0xFF113D11)
YUV	42.8280, -12.7332, -22.6512
Hunter-Lab	18.7006, -13.6254, 9.6033

Details

The Hex color **113D11** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3D113D**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **426D3D**, and **000D00** is the 20% darker color. If you saturate the color by 10%, you get **0B3D0B**, and if you desaturate by 10%, it is **173D17**.

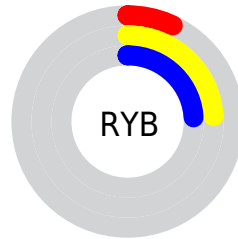
Distribution



Red (7%)

Green (24%)

Blue (7%)



Red (7%)

Yellow (24%)

Blue (24%)

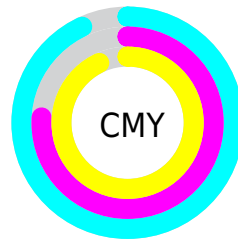


Cyan (72%)

Magenta (0%)

Yellow (72%)

Black (76%)



Cyan (93%)


Magenta (76%)


Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 113D11 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 113D11 by changing the saturation by 10% instead.

 113D11

 113D11

 FEFFF5

 002700

 426D3D

 000D00

 5B8755

 000000

 74A16D


 8EBC87

 A9D8A1

 C5F5BC

 E1FFD8

 113D11

 113D11

■ 0B3D0B

■ 173D17

■ 053D05

■ 1D3D1D

■ 003D00

■ 233D23

■ 293D29

■ 303D30

■ 363D36

■ 3C3D3C

■ 423D42

■ 483D48

Harmonies

Analogous

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



323800



113D11



003F2A

Triad

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



113D11



003A66



611C26

Complementary

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



113D11



3D113D

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.



5D1C3F



113D11



203264

Square

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



113D11



003F5A



492656



59250F

Rectangle

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



113D11



00403C



492656



611A2E

Sweetspot

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



113D11



3E4F3E



3D3D11



1E291E



A8A8A8



292929

Same Dimension

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



113D11



0A4F0A



113D27



1C1F1C



005E00



00DE00

Inverse Universe

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



3D113D



4F0A4F



3D1127



1F1C1F



5E005E



DE00DE

Previews

White Background



This preview shows how the Hex color 113D11 looks on a white background.

Color Contrast Check

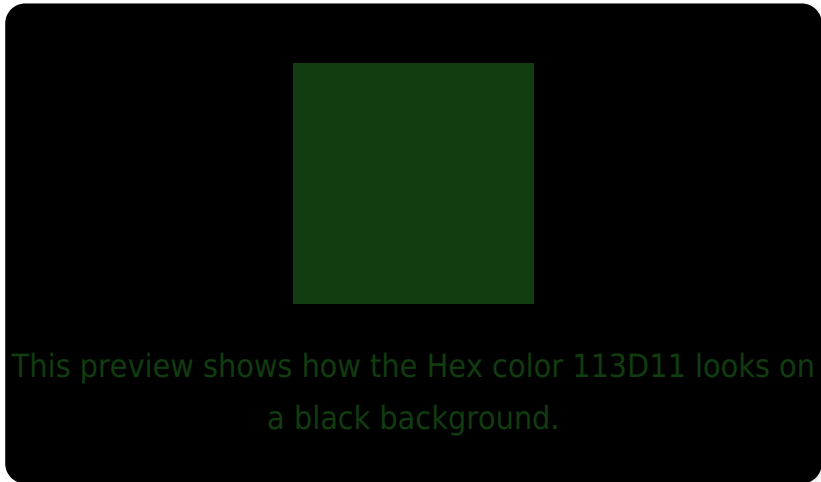
Large Text (above 18pt) WCAG AA ✓ Pass

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

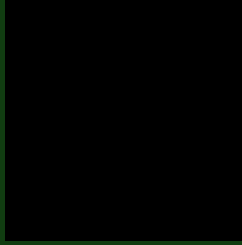
Any Text WCAG AA × Fail

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 113D11 Background



This preview shows how black text looks on a background with the Hex color 113D11.



This preview shows how white text looks on a background with the Hex color 113D11.

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](#).

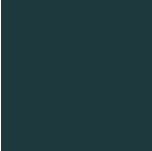
Dichromacy



Original Color
113D11

Protanopia
3B350F

Deuteranopia
423215



Tritanopia
1D393E

Trichromacy



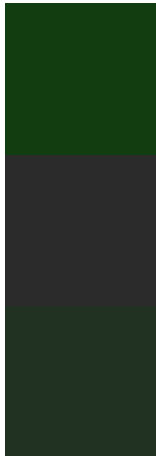
Original Color
113D11

Protanomaly
2C3810

Deuteranomaly
303614

Tritanomaly
193A2E

Monochromacy



Original Color
113D11

Achromatopsia
2B2B2B

Achromatomaly
223222

CSS Examples

Text

The CSS property to change the color of the text to Hex 113D11 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 #113D11 looks like.

```
.text, #text, p{  
    color:#113D11  
}
```

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 #113D11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #113D11  
}
```

Border

The CSS property to change the border of an element to Hex 113D11 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  
#113D11 }
```

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

```
.border{ border-color:#113D11 }
```

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

Here you see how a box with a 4 pixel #113D11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #113D11; -webkit-box-shadow:4px 4px  
4px 4px #113D11; box-shadow:4px 4px 4px  
4px #113D11 }
```

Background

The CSS property to change the background color of an element to Hex 113D11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#113D11 }
```

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

```
.background{ background-color:#113D11 }
```

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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