

Converting Colors

Hex(111B58)

Have a look what the booklet for
Hex(111B58) contains.

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Color

Hex(111B58)

Conversions

Conversions Part 1

Format	Color
Hex	111B58
RGB	17, 27, 88
RGB Percent	7%, 11%, 35%
CMY	0.9333, 0.8941, 0.6549
CMYK	0.81, 0.69, 0.00, 0.65
HSL	232°, 68%, 21%
HSV	232°, 81%, 35%
XYZ	2.3846, 1.6076, 9.4171
YIQ	30.9640, -25.5410, 16.8510

Conversions

Conversions Part 2

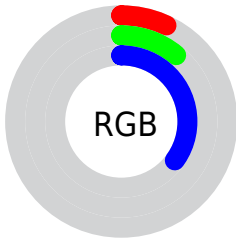
Format	Color
R_{YB}	17, 26, 88
Decimal	1121112
CIE _{Lab}	13.28, 20.18, -37.97
CIE _{LCh}	13, 43.000, 297.990
Yxy	1.6076, 0.1778, 0.1199
Android (android.graphics.Color)	4279311192 (0xFF111B58)
YUV	30.9640, 28.1187, -12.2464
Hunter-Lab	12.6792, 11.3816, -35.1607

Details

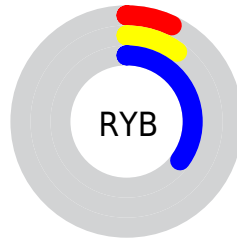
The Hex color **111B58** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **584E11**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **49468B**, and **000329** is the 20% darker color. If you saturate the color by 10%, you get **081358**, and if you desaturate by 10%, it is **1A2358**.

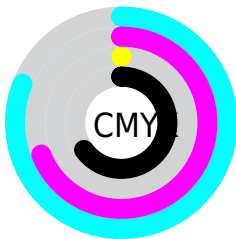
Distribution



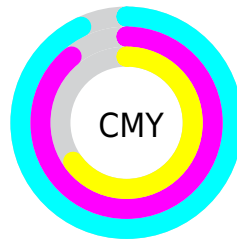
- Red (7%)
- Green (11%)
- Blue (35%)



- Red (7%)
- Yellow (10%)
- Blue (35%)



- Cyan (81%)
- Magenta (69%)
- Yellow (0%)
- Black (65%)



- Cyan (93%)
- Magenta (89%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 111B58 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 111B58 by changing the saturation by 10% instead.

■ 111B58

■ 111B58

FFFFFF

■ 000240

■ 49468B

■ 000329

■ 635EA5

■ 000114

■ 7D77C1

■ 000000

■ 9890DD

■ B4ABFA

■ D0C6FF

■ EDE2FF

■ 111B58

■ 111B58

■ 081358

■ 1A2358

■ 000C58

■ 232A58

■ 2B3258

■ 343958

■ 3D4158

■ 464858

■ 4F5058

■ 575758

■ 605F58

Harmonies

Analogous

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



00275F



111B58



420242

Triad

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



111B58



431100



002E1F

Complementary

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



111B58



584E11

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.



002C00



111B58



2D2000

Square

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



111B58



520002



0F2800



002E3E

Rectangle

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



111B58



4F002F



0F2800



002E14

Sweetspot

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



111B58



575B73



11584D



2A2C3B



BABABA



3B3B3B

Same Dimension

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



111B58



031373



2A1158



27282B



000F6B



0021EB

Inverse Universe

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



58111B



730313



3F5811



2B2728



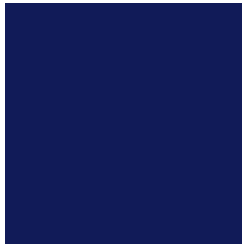
6B000F



EB0021

Previews

White Background



This preview shows how the Hex color 111B58 looks on a white background.

Color Contrast Check

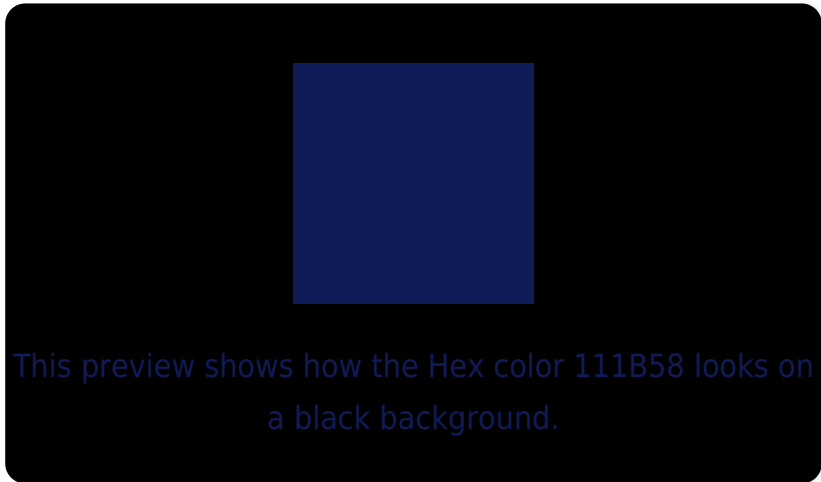
Large Text (above 18pt) WCAG AA ✓ Pass

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

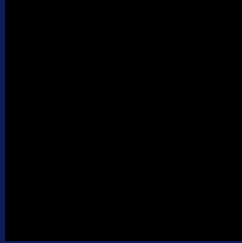
Any Text WCAG AA × Fail

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 111B58 Background



This preview shows how black text looks on a background with the Hex color 111B58.



This preview shows how white text looks on a background with the Hex color 111B58.

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
111B58

Deuteranopia
00243D

Tritanopia
002729

Trichromacy



Original Color
111B58

Deuteranomaly
062147

Tritanomaly
06233A

Monochromacy



Original Color
111B58

Achromatopsia
1F1F1F

Achromatomaly
1A1E34

CSS Examples

Text

The CSS property to change the color of the text to Hex 111B58 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 #111B58 looks like.

```
.text, #text, p{  
    color:#111B58  
}
```

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 #111B58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #111B58
}
```

Border

The CSS property to change the border of an element to Hex 111B58 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
#111B58 }
```

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

```
.border{ border-color:#111B58 }
```

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

Here you see how a box with a 4 pixel #111B58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #111B58; -webkit-box-shadow:4px 4px  
4px 4px #111B58; box-shadow:4px 4px 4px  
4px #111B58 }
```

Background

The CSS property to change the background color of an element to Hex 111B58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#111B58 }
```

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

```
.background{ background-color:#111B58 }
```

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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