

Converting Colors

Hex(113F69)

Have a look what the booklet for
Hex(113F69) contains.

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Color

Hex(113F69)

Conversions

Conversions Part 1

Format	Color
Hex	113F69
RGB	17, 63, 105
RGB Percent	7%, 25%, 41%
CMY	0.9333, 0.7529, 0.5882
CMYK	0.84, 0.40, 0.00, 0.59
HSL	209°, 72%, 24%
HSV	209°, 84%, 41%
XYZ	4.5585, 4.6941, 14.0304
YIQ	54.0340, -40.8980, 3.3100

Conversions

Conversions Part 2

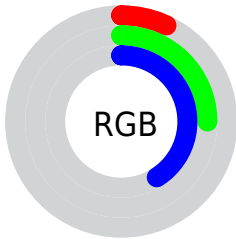
Format	Color
R_{YB}	17, 47, 105
Decimal	1130345
CIE _{Lab}	25.84, 1.30, -28.87
CIE _{LCh}	26, 28.901, 272.570
Yxy	4.6941, 0.1958, 0.2016
Android (android.graphics.Color)	4279320425 (0xFF113F69)
YUV	54.0340, 25.1262, -32.4788
Hunter-Lab	21.6659, -0.3591, -23.2289

Details

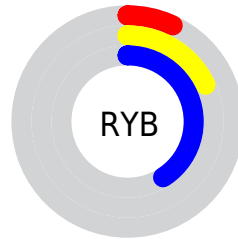
The Hex color **113F69** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **693B11**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **4C6E9D**, and **001539** is the 20% darker color. If you saturate the color by 10%, you get **073A69**, and if you desaturate by 10%, it is **1B4469**.

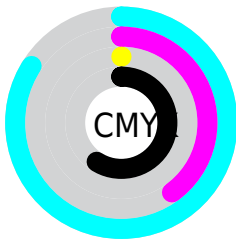
Distribution



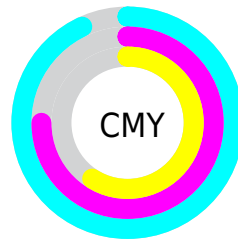
- Red (7%)
- Green (25%)
- Blue (41%)



- Red (7%)
- Yellow (18%)
- Blue (41%)



- Cyan (84%)
- Magenta (40%)
- Yellow (0%)
- Black (59%)



- Cyan (93%)
- Magenta (75%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 113F69 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 113F69 by changing the saturation by 10% instead.



113F69



113F69

FFFFFF



002951



4C6E9D



001539



6687B8



000224



81A2D3



00000B



9DBDF0



000000



B9D8FF



D5F5FF



F2FFFF



113F69



113F69

■ 073A69

■ 1B4469

■ 003769

■ 264969

■ 314E69

■ 3B5369

■ 465869

■ 505D69

■ 5B6269

■ 656769

■ 706C69

Harmonies

Analogous

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



004564



113F69



413762

Triad

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



113F69



642D27



104628

Complementary

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



113F69



693B11

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.



314316



113F69



593516

Square

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



113F69



65293C



473D0E



00483E

Rectangle

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



113F69



533158



473D0E



1E4521

Sweetspot

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



113F69



67798A



11693A



303B45



C4C4C4



454545

Same Dimension

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



113F69



00488A



111469



303336



003D75



0080F5

Inverse Universe

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



69113F



8A0048



696611



363033



75003D



F50080

Previews

White Background



This preview shows how the Hex color 113F69 looks on a white background.

Color Contrast Check

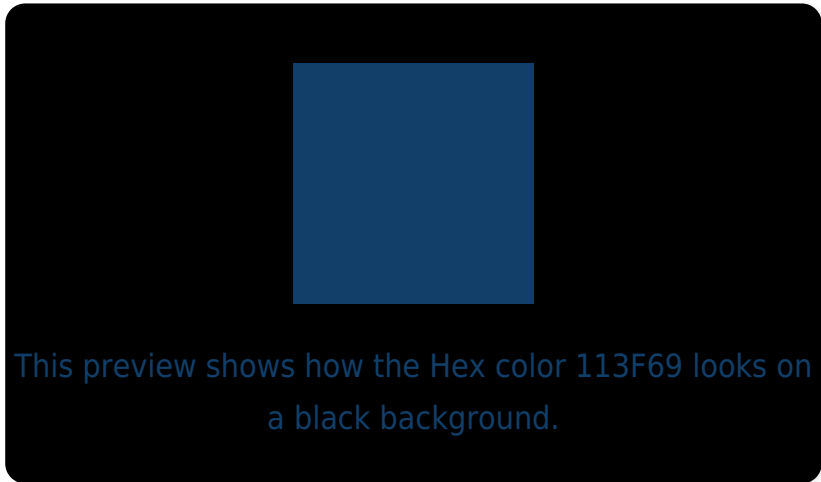
Large Text (above 18pt) WCAG AA ✓ Pass

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 113F69 Background



This preview shows how black text looks on a background with the Hex color 113F69.



This preview shows how white text looks on a background with the Hex color 113F69.

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
113F69

Protanopia
2C3C66

Deuteranopia
1C3E69

Trichromacy



Original Color
113F69

Protanomaly
223D67

Deuteranomaly
183E69

Tritanomaly
064255

Monochromacy



Original Color
113F69

Achromatopsia
363636

Achromatomaly
293949

CSS Examples

Text

The CSS property to change the color of the text to Hex 113F69 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 #113F69 looks like.

```
.text, #text, p{  
    color:#113F69  
}
```

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 #113F69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #113F69
}
```

Border

The CSS property to change the border of an element to Hex 113F69 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
#113F69 }
```

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

```
.border{ border-color:#113F69 }
```

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

Here you see how a box with a 4 pixel #113F69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #113F69; -webkit-box-shadow:4px 4px  
4px 4px #113F69; box-shadow:4px 4px 4px  
4px #113F69 }
```

Background

The CSS property to change the background color of an element to Hex 113F69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#113F69 }
```

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

```
.background{ background-color:#113F69 }
```

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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