

Converting Colors

Hex(112442)

Have a look what the booklet for
Hex(112442) contains.

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Color

Hex(112442)

Conversions

Conversions Part 1

Format	Color
Hex	112442
RGB	17, 36, 66
RGB Percent	7%, 14%, 26%
CMY	0.9333, 0.8588, 0.7412
CMYK	0.74, 0.45, 0.00, 0.74
HSL	217°, 59%, 16%
HSV	217°, 74%, 26%
XYZ	1.8454, 1.7743, 5.3995
YIQ	33.7390, -20.9540, 5.3020

Conversions

Conversions Part 2

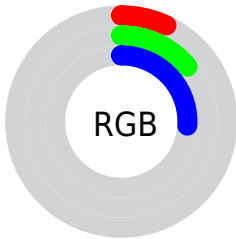
Format	Color
R_{YB}	17, 31, 66
Decimal	1123394
CIE _{Lab}	14.26, 3.98, -21.31
CIE _{LCh}	14, 21.682, 280.568
Yxy	1.7743, 0.2046, 0.1967
Android (android.graphics.Color)	4279313474 (0xFF112442)
YUV	33.7390, 15.9047, -14.6801
Hunter-Lab	13.3202, 1.4195, -14.7096

Details

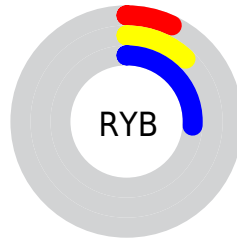
The Hex color **112442** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **422F11**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **425072**, and **000117** is the 20% darker color. If you saturate the color by 10%, you get **0A2042**, and if you desaturate by 10%, it is **182842**.

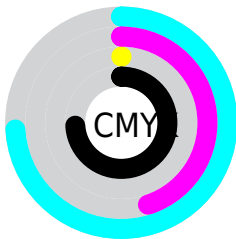
Distribution



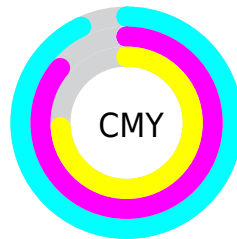
- Red (7%)
- Green (14%)
- Blue (26%)



- Red (7%)
- Yellow (12%)
- Blue (26%)



- Cyan (74%)
- Magenta (45%)
- Yellow (0%)
- Black (74%)



- Cyan (93%)
- Magenta (86%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 112442 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 112442 by changing the saturation by 10% instead.

■ 112442

■ 112442

FEFFFF

■ 000E2C

■ 425072

■ 000117

■ 5A688C

■ 000000

■ 7481A6

■ 8E9BC2

■ A9B6DD

■ C4D2FA

■ E1EEFF

■ 112442

■ 112442

■ 0A2042

■ 182842

■ 041C42

■ 1E2C42

■ 001A42

■ 253042

■ 2B3442

■ 323842

■ 393C42

■ 3F4042

■ 464442

■ 4C4842

Harmonies

Analogous

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



002841



112442



2C1E3B

Triad

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



112442



3D1A11



002B19

Complementary

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



112442



422F11

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.



17290A



112442



352002

Square

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



112442



40161F



282500



002C29

Rectangle

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



112442



371A33



282500



072A15

Sweetspot

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



112442



444B57



11422E



20242B



ABABAB



2B2B2B

Same Dimension

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



112442



0A2757



161142



1E1F21



002661



0057E0

Inverse Universe

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



421124



570A27



3D4211



211E1F



610026



E00057

Previews

White Background



This preview shows how the Hex color 112442 looks on a white background.

Color Contrast Check

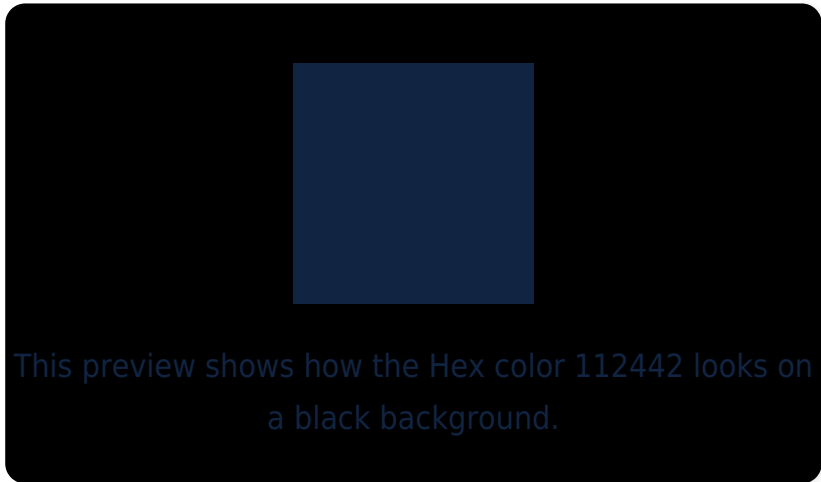
Large Text (above 18pt) WCAG AA ✓ Pass

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

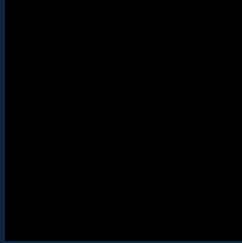
Any Text WCAG AA × Fail

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 112442 Background



This preview shows how black text looks on a background with the Hex color 112442.



This preview shows how white text looks on a background with the Hex color 112442.

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
112442

Protanopia
162341

Deuteranopia
002542



Tritanopia
00282B

Trichromacy



Original Color
112442

Protanomaly
142341

Deuteranomaly
062542

Tritanomaly
062733

Monochromacy



Original Color
112442

Achromatopsia
222222

Achromatomaly
1C232E

CSS Examples

Text

The CSS property to change the color of the text to Hex 112442 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 #112442 looks like.

```
.text, #text, p{  
    color:#112442  
}
```

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 #112442 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #112442
}
```

Border

The CSS property to change the border of an element to Hex 112442 is called "border". The border property can be set on classes, ids or directly on the HTML element.

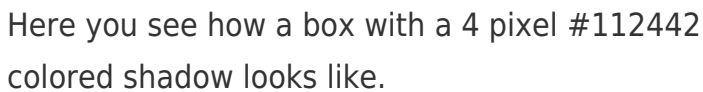
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#112442 }
```

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

```
.border{ border-color:#112442 }
```

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



Here you see how a box with a 4 pixel #112442 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #112442; -webkit-box-shadow:4px 4px  
4px 4px #112442; box-shadow:4px 4px 4px  
4px #112442 }
```

Background

The CSS property to change the background color of an element to Hex 112442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#112442 }
```

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

```
.background{ background-color:#112442 }
```

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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