

Converting Colors

Hex(113954)

Have a look what the booklet for
Hex(113954) contains.

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Color

Hex(113954)

Conversions

Conversions Part 1

Format	Color
Hex	113954
RGB	17, 57, 84
RGB Percent	7%, 22%, 33%
CMY	0.9333, 0.7765, 0.6706
CMYK	0.80, 0.32, 0.00, 0.67
HSL	204°, 66%, 20%
HSV	204°, 80%, 33%
XYZ	3.2945, 3.6855, 8.9252
YIQ	48.1180, -32.5070, -0.0830

Conversions

Conversions Part 2

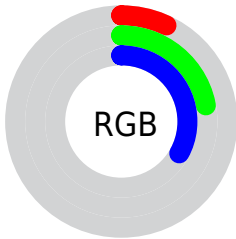
Format	Color
R_{YB}	17, 42, 84
Decimal	1128788
CIE Lab	22.60, -3.37, -20.32
CIE LCh	23, 20.599, 260.589
Yxy	3.6855, 0.2071, 0.2317
Android (android.graphics.Color)	4279318868 (0xFF113954)
YUV	48.1180, 17.6898, -27.2905
Hunter-Lab	19.1977, -2.9635, -14.1262

Details

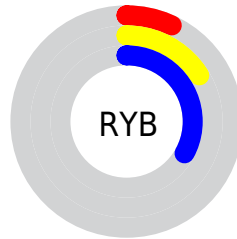
The Hex color **113954** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **542C11**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **466886**, and **000E27** is the 20% darker color. If you saturate the color by 10%, you get **093654**, and if you desaturate by 10%, it is **193C54**.

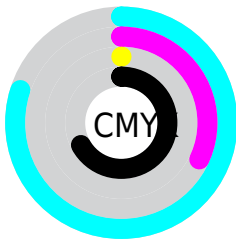
Distribution



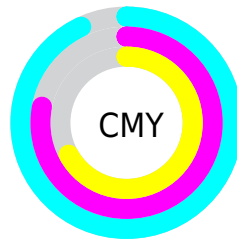
- Red (7%)
- Green (22%)
- Blue (33%)



- Red (7%)
- Yellow (16%)
- Blue (33%)



- Cyan (80%)
- Magenta (32%)
- Yellow (0%)
- Black (67%)



- Cyan (93%)
- Magenta (78%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 113954 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 113954 by changing the saturation by 10% instead.

■ 113954

■ 113954

FFFFFF

■ 00243D

■ 466886

■ 000E27

■ 6081A0

■ 000111

■ 7A9BBB

■ 000000

■ 95B6D7

■ B0D1F3

■ CCEDFF

■ E9FFFF

■ 113954

■ 113954

■ 093654

■ 193C54

■ 003254

■ 224054

■ 2A4354

■ 334754

■ 3B4A54

■ 434D54

■ 4C5154

■ 545454

■ 5D5754

Harmonies

Analogous

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



003C4D



113954



303453

Triad

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



113954



532A2C



233C22

Complementary

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



113954



542C11

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.



353818



113954



4E2E1F

Square

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



113954



502A3B



443317



0A3E30

Rectangle

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



113954



3E304D



443317



293B1E

Sweetspot

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



113954



53636E



11542C



283238



B8B8B8



383838

Same Dimension

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



113954



04436E



111854



252729



003E69



008BE8

Inverse Universe

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



541139



6E0443



544D11



292527



69003E



E8008B

Previews

White Background



This preview shows how the Hex color 113954 looks on a white background.

Color Contrast Check

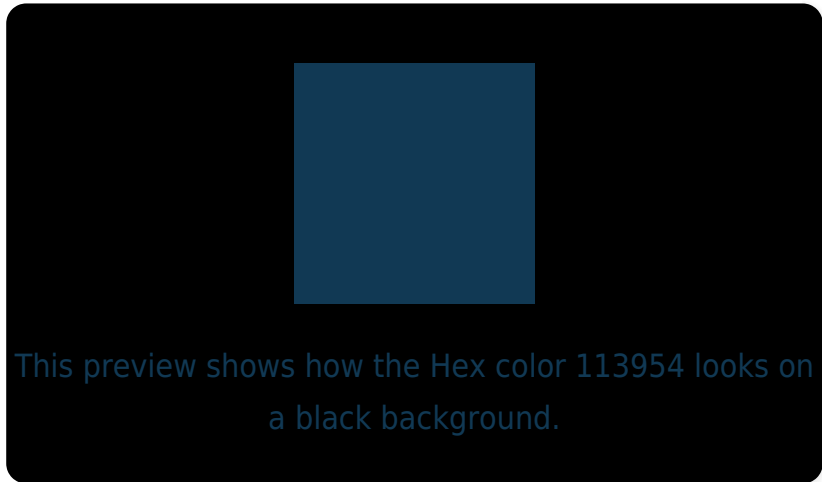
Large Text (above 18pt) WCAG AA ✓ Pass

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

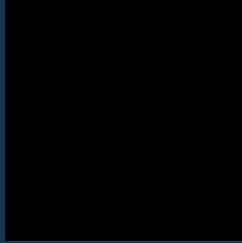
Any Text WCAG AA × Fail

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 113954 Background



This preview shows how black text looks on a background with the Hex color 113954.



This preview shows how white text looks on a background with the Hex color 113954.

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
113954

Protanopia
2D3551

Deuteranopia
263655



Tritanopia
003C41

Trichromacy



Original Color
113954

Protanomaly
233652

Deuteranomaly
1E3755

Tritanomaly
063B48

Monochromacy



Original Color
113954

Achromatopsia
303030

Achromatomaly
25333D

CSS Examples

Text

The CSS property to change the color of the text to Hex 113954 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 #113954 looks like.

```
.text, #text, p{  
  color:#113954  
}
```

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 #113954 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #113954
}
```

Border

The CSS property to change the border of an element to Hex 113954 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
#113954 }
```

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

```
.border{ border-color:#113954 }
```

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

Here you see how a box with a 4 pixel #113954 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #113954; -webkit-box-shadow:4px 4px  
4px 4px #113954; box-shadow:4px 4px 4px  
4px #113954 }
```

Background

The CSS property to change the background color of an element to Hex 113954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#113954 }
```

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

```
.background{ background-color:#113954 }
```

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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