

Converting Colors

Hex(111954)

Have a look what the booklet for
Hex(111954) contains.

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Color

Hex(111954)

Conversions

Conversions Part 1

Format	Color
Hex	111954
RGB	17, 25, 84
RGB Percent	7%, 10%, 33%
CMY	0.9333, 0.9020, 0.6706
CMYK	0.80, 0.70, 0.00, 0.67
HSL	233°, 66%, 20%
HSV	233°, 80%, 33%
XYZ	2.1790, 1.4545, 8.5534
YIQ	29.3340, -23.7070, 16.6530

Conversions

Conversions Part 2

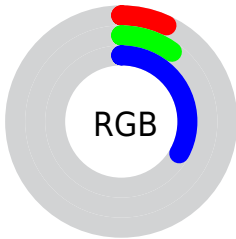
Format	Color
R_{YB}	17, 24, 84
Decimal	1120596
CIE _{Lab}	12.32, 19.99, -36.84
CIE _{LCh}	12, 41.909, 298.487
Yxy	1.4545, 0.1788, 0.1194
Android (android.graphics.Color)	4279310676 (0xFF111954)
YUV	29.3340, 26.9503, -10.8169
Hunter-Lab	12.0604, 11.1452, -33.6072

Details

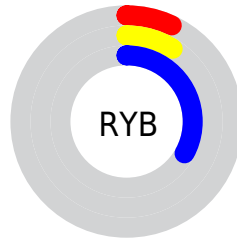
The Hex color **111954** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **544C11**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **484486**, and **000226** is the 20% darker color. If you saturate the color by 10%, you get **091254**, and if you desaturate by 10%, it is **192054**.

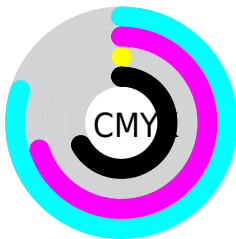
Distribution



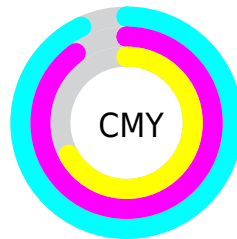
- Red (7%)
- Green (10%)
- Blue (33%)



- Red (7%)
- Yellow (9%)
- Blue (33%)



- Cyan (80%)
- Magenta (70%)
- Yellow (0%)
- Black (67%)



- Cyan (93%)
- Magenta (90%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 111954 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 111954 by changing the saturation by 10% instead.

■ 111954

■ 111954

■ FFFCFF

■ 00003D

■ 484486

■ 000226

■ 625BA1

■ 00010F

■ 7C74BC

■ 000000

■ 978ED8

■ B2A8F5

■ CFC3FF

■ EBDFFF

■ 111954

■ 111954

■ 091254

■ 192054

■ 000A54

■ 222854

■ 2A2F54

■ 333754

■ 3B3E54

■ 434554

■ 4C4D54

■ 545454

■ 5D5C54

Harmonies

Analogous

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



00255B



111954



3F013F

Triad

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



111954



401000



002C1E

Complementary

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



111954



544C11

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.



002A00



111954



2B1F00

Square

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



111954



4E0000



0C2600



002C3B

Rectangle

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



111954



4C002D



0C2600



002C13

Sweetspot

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



111954



53566E



11544B



282A38



B8B8B8



383838

Same Dimension

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



111954



04116E



2A1154



252529



000C69



001CE8

Inverse Universe

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



541119



6E0411



3B5411



292525



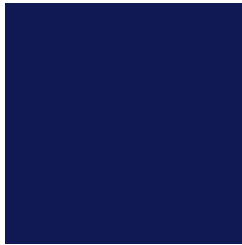
69000C



E8001C

Previews

White Background



This preview shows how the Hex color 111954 looks on a white background.

Color Contrast Check

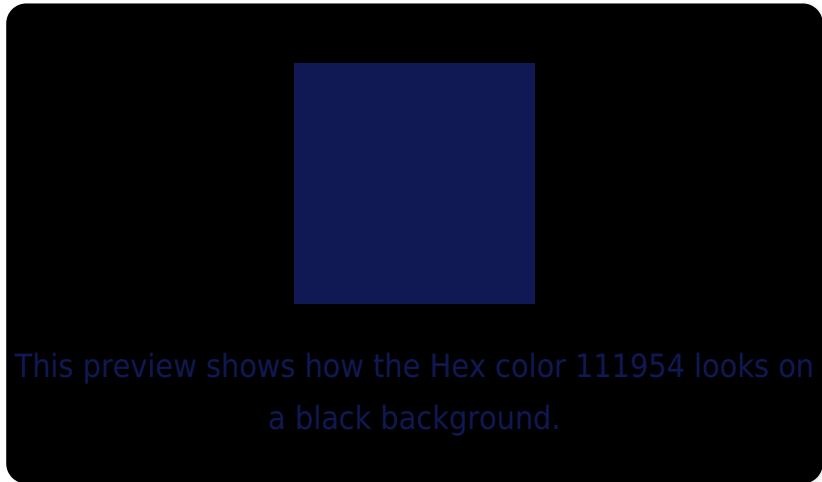
Large Text (above 18pt) WCAG AA ✓ Pass

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

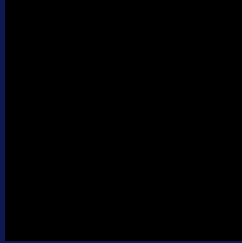
Any Text WCAG AA × Fail

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 111954 Background



This preview shows how black text looks on a background with the Hex color 111954.



This preview shows how white text looks on a background with the Hex color 111954.

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

111954

Protanopia

002043

Deuteranopia

002239

Trichromacy



Original Color
111954

Protanomaly
061D49

Deuteranomaly
061F43

Tritanomaly
062137

Monochromacy



Original Color
111954

Achromatopsia
1D1D1D

Achromatomaly
191C31

CSS Examples

Text

The CSS property to change the color of the text to Hex 111954 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 #111954 looks like.

```
.text, #text, p{  
    color:#111954  
}
```

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 #111954 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #111954
}
```

Border

The CSS property to change the border of an element to Hex 111954 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
#111954 }
```

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

```
.border{ border-color:#111954 }
```

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

Here you see how a box with a 4 pixel #111954 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #111954; -webkit-box-shadow:4px 4px  
4px 4px #111954; box-shadow:4px 4px 4px  
4px #111954 }
```

Background

The CSS property to change the background color of an element to Hex 111954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#111954 }
```

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

```
.background{ background-color:#111954 }
```

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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