

Converting Colors

Hex(111A31)

Have a look what the booklet for
Hex(111A31) contains.

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Color

Hex(111A31)

Conversions

Conversions Part 1

Format	Color
Hex	111A31
RGB	17, 26, 49
RGB Percent	7%, 10%, 19%
CMY	0.9333, 0.8980, 0.8078
CMYK	0.65, 0.47, 0.00, 0.81
HSL	223°, 48%, 13%
HSV	223°, 65%, 19%
XYZ	1.1549, 1.0797, 3.0533
YIQ	25.9310, -12.7470, 5.2450

Conversions

Conversions Part 2

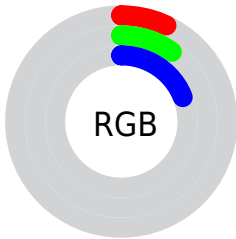
Format	Color
RYB	17, 24, 49
Decimal	1120817
CIELab	9.64, 4.44, -16.56
CIELCh	10, 17.142, 285.009
Yxy	1.0797, 0.2184, 0.2042
Android (android.graphics.Color)	4279310897 (0xFF111A31)
YUV	25.9310, 11.3730, -7.8325
Hunter-Lab	10.3909, 1.6560, -10.1481

Details

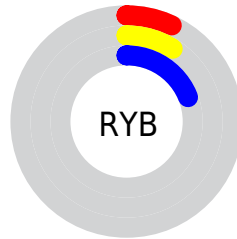
The Hex color **111A31** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **312811**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **3E455F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0C1631**, and if you desaturate by 10%, it is **161E31**.

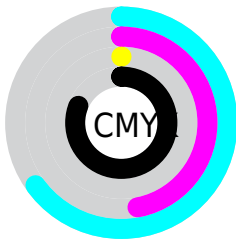
Distribution



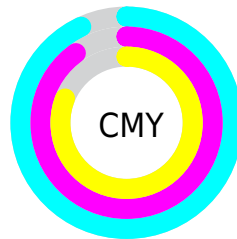
- Red (7%)
- Green (10%)
- Blue (19%)



- Red (7%)
- Yellow (9%)
- Blue (19%)



- Cyan (65%)
- Magenta (47%)
- Yellow (0%)
- Black (81%)



- Cyan (93%)
- Magenta (90%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 111A31 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 111A31 by changing the saturation by 10% instead.

■ 111A31

■ 111A31

■ F7FDFF

■ 00001C

■ 3E455F

■ 000000

■ 565C78

■ 6F7592

■ 888EAD

■ A3A9C8

■ BEC4E4

■ DAE0FF

■ 111A31

■ 111A31

■ 0C1631

■ 161E31

■ 071331

■ 1B2131

■ 020F31

■ 202531

■ 000E31

■ 252831

■ 2A2C31

■ 2E2F31

■ 333331

■ 383631

■ 3D3A31

Harmonies

Analogous

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



001E31



111A31



23152B

Triad

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



111A31



2E1406



002014

Complementary

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



111A31



312811

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.



101F05



111A31



281800

Square

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



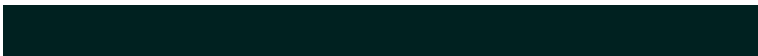
111A31



301115



1E1C00



002120

Rectangle

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



111A31



2A1225



1E1C00



022010

Sweetspot

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



111A31



333740



113128



191B21



A1A1A1



212121

Same Dimension

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



111A31



0E1C40



181131



17181A



001959



003DD9

Inverse Universe

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



31111A



400E1C



2A3111



1A1718



590019



D9003D

Previews

White Background



This preview shows how the Hex color 111A31 looks on a white background.

Color Contrast Check

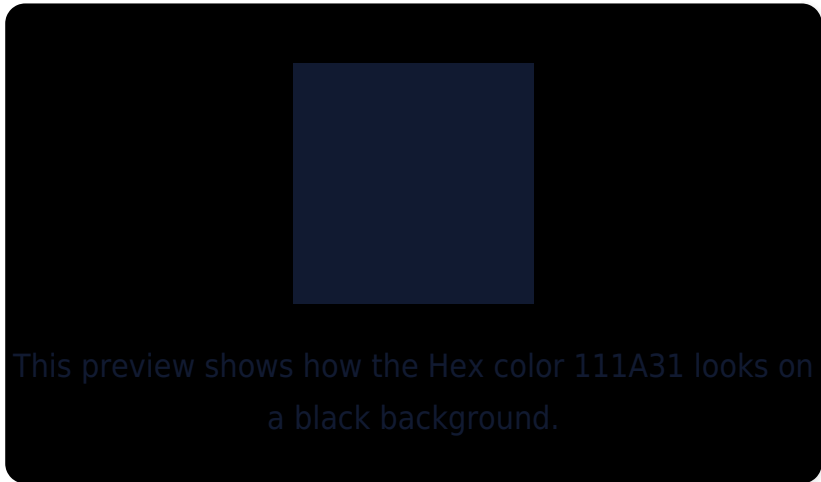
Large Text (above 18pt) WCAG AA ✓ Pass

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

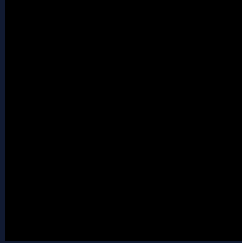
Any Text WCAG AA × Fail

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 111A31 Background



This preview shows how black text looks on a background with the Hex color 111A31.



This preview shows how white text looks on a background with the Hex color 111A31.

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
111A31

Protanopia
101A31

Deuteranopia
031B31



Tritanopia
061E20

Trichromacy



Original Color

111A31

Protanomaly

101A31

Deuteranomaly

081B31

Tritanomaly

0A1D26

Monochromacy



Original Color

111A31

Achromatopsia

1A1A1A

Achromatomaly

171A22

CSS Examples

Text

The CSS property to change the color of the text to Hex 111A31 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 #111A31 looks like.

```
.text, #text, p{  
    color:#111A31  
}
```

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 #111A31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #111A31
}
```

Border

The CSS property to change the border of an element to Hex 111A31 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
#111A31 }
```

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

```
.border{ border-color:#111A31 }
```

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

Here you see how a box with a 4 pixel #111A31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #111A31; -webkit-box-shadow:4px 4px  
4px 4px #111A31; box-shadow:4px 4px 4px  
4px #111A31 }
```

Background

The CSS property to change the background color of an element to Hex 111A31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#111A31 }
```

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

```
.background{ background-color:#111A31 }
```

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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