

Converting Colors

Hex(131F45)

Have a look what the booklet for
Hex(131F45) contains.

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Color

Hex(131F45)

Conversions

Conversions Part 1

Format	Color
Hex	131F45
RGB	19, 31, 69
RGB Percent	7%, 12%, 27%
CMY	0.9255, 0.8784, 0.7294
CMYK	0.72, 0.55, 0.00, 0.73
HSL	226°, 57%, 17%
HSV	226°, 72%, 27%
XYZ	1.8327, 1.5481, 5.8324
YIQ	31.7440, -19.3500, 9.2740

Conversions

Conversions Part 2

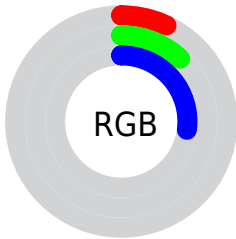
Format	Color
RYB	19, 29, 69
Decimal	1253189
CIELab	12.91, 9.46, -25.55
CIELCh	13, 27.243, 290.326
Yxy	1.5481, 0.1989, 0.1680
Android (android.graphics.Color)	4279443269 (0xFF131F45)
YUV	31.7440, 18.3672, -11.1765
Hunter-Lab	12.4422, 4.5189, -19.0833

Details

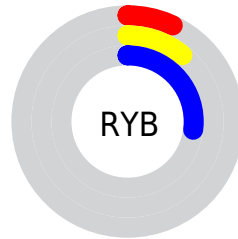
The Hex color **131F45** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **453913**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **444A76**, and **000119** is the 20% darker color. If you saturate the color by 10%, you get **0C1A45**, and if you desaturate by 10%, it is **1A2445**.

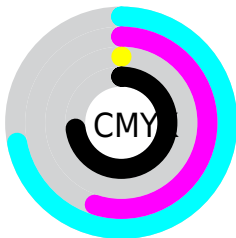
Distribution



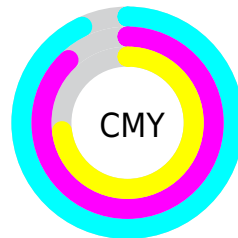
- Red (7%)
- Green (12%)
- Blue (27%)



- Red (7%)
- Yellow (11%)
- Blue (27%)



- Cyan (72%)
- Magenta (55%)
- Yellow (0%)
- Black (73%)



- Cyan (93%)
- Magenta (88%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 131F45 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 131F45 by changing the saturation by 10% instead.

■ 131F45

■ 131F45

FFFFFF

■ 00062F

■ 444A76

■ 000119

■ 5D628F

■ 000000

■ 777BAA

■ 9195C5

■ ACAFE1

■ C8CBFE

■ E4E7FF

■ 131F45

■ 131F45

■ 0C1A45

■ 1A2445

■ 051545

■ 212945

■ 001145

■ 282F45

■ 2F3445

■ 363945

■ 3C3E45

■ 434445

■ 4A4945

■ 514E45

Harmonies

Analogous

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



002547



131F45



32163A

Triad

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



131F45



3D1600



002A1A

Complementary

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



131F45



453913

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.



062803



131F45



301E00

Square

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



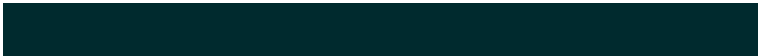
131F45



420E15



1F2400



002A2E

Rectangle

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



131F45



3C102E



1F2400



002914

Sweetspot

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



131F45



464A59



134539



22252E



ADADAD



2E2E2E

Same Dimension

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



131F45



0C1E59



201345



202124



001863



0036E3

Inverse Universe

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



45131F



590C1E



394513



242021



630018



E30036

Previews

White Background



This preview shows how the Hex color 131F45 looks on a white background.

Color Contrast Check

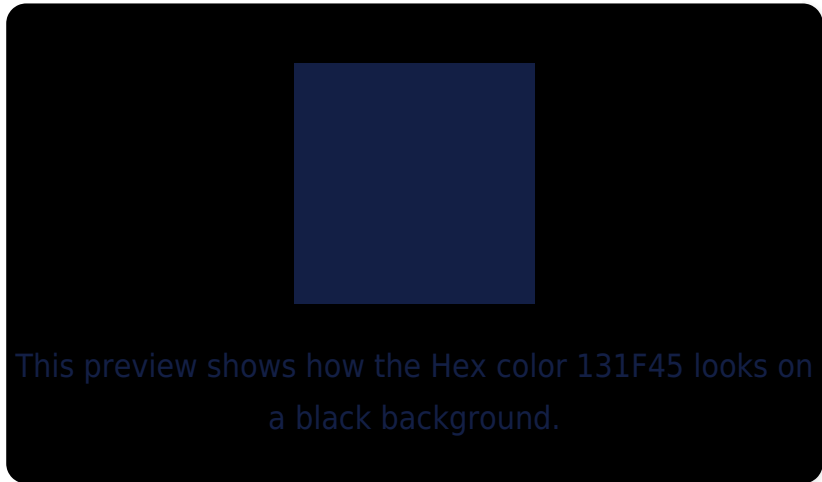
Large Text (above 18pt) WCAG AA ✓ Pass

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

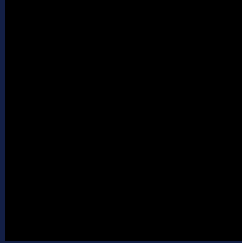
Any Text WCAG AA × Fail

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 131F45 Background



This preview shows how black text looks on a background with the Hex color 131F45.



This preview shows how white text looks on a background with the Hex color 131F45.

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
131F45

Protanopia
002045

Deuteranopia
00233C

Trichromacy



Original Color
131F45

Protanomaly
072045

Deuteranomaly
07223F

Tritanomaly
072333

Monochromacy



Original Color
131F45

Achromatopsia
202020

Achromatomaly
1B202D

CSS Examples

Text

The CSS property to change the color of the text to Hex 131F45 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 #131F45 looks like.

```
.text, #text, p{  
    color:#131F45  
}
```

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 #131F45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #131F45
}
```

Border

The CSS property to change the border of an element to Hex 131F45 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
#131F45 }
```

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

```
.border{ border-color:#131F45 }
```

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

Here you see how a box with a 4 pixel #131F45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #131F45; -webkit-box-shadow:4px 4px  
4px 4px #131F45; box-shadow:4px 4px 4px  
4px #131F45 }
```

Background

The CSS property to change the background color of an element to Hex 131F45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#131F45 }
```

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

```
.background{ background-color:#131F45 }
```

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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