

# Converting Colors

Hex(1F0E45)

Have a look what the booklet for  
Hex(1F0E45) contains.

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# Color

**Hex(1F0E45)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1F0E45
RGB	31, 14, 69
RGB Percent	12%, 5%, 27%
CMY	0.8784, 0.9451, 0.7294
CMYK	0.55, 0.80, 0.00, 0.73
HSL	259°, 66%, 16%
HSV	259°, 80%, 27%
XYZ	1.7963, 1.0351, 5.7353
YIQ	25.3530, -7.5230, 20.7090

# Conversions

## Conversions Part 2

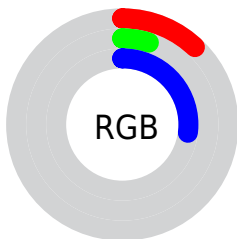
<b>Format</b>	<b>Color</b>
<b>RYB</b>	31, 14, 69
Decimal	2035269
CIELab	9.28, 24.22, -31.39
CIELCh	9, 39.642, 307.654
Yxy	1.0351, 0.2097, 0.1208
Android (android.graphics.Color)	4280225349 (0xFF1F0E45)
YUV	25.3530, 21.5180, 4.9524
Hunter-Lab	10.1738, 13.7121, -26.3024




# Details

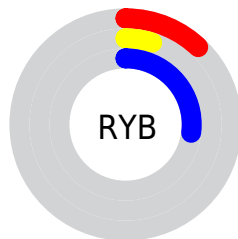
The Hex color **1F0E45** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **34450E**, and the grayscale version is **191919**.




A 20% lighter version of the original color is **503976**, and **000119** is the 20% darker color. If you saturate the color by 10%, you get **1A0745**, and if you desaturate by 10%, it is **241545**.

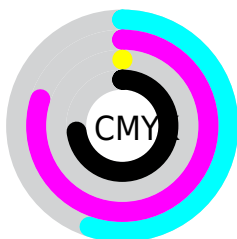
# Distribution







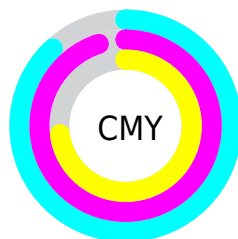
-  Red (12%)
-  Green (5%)
-  Blue (27%)






-  Red (12%)
-  Yellow (5%)
-  Blue (27%)



-  Cyan (55%)
-  Magenta (80%)
-  Yellow (0%)
-  Black (73%)



-  Cyan (88%)
-  Magenta (95%)
-  Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F0E45 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 1F0E45 by changing the saturation by 10% instead.



 1F0E45

 1F0E45

 FFF0FF

 0C002F

 503976

 000119

 695190

 000000

 8369AB

 9E82C6

 B99CE2

 D5B7FF

 F2D3FF

 1F0E45

 1F0E45

■ 1A0745

■ 241545

■ 150045

■ 291C45

■ 2D2345

■ 322A45

■ 373145

■ 3C3745

■ 403E45

■ 454545

■ 4A4C45

# Harmonies

## Analogous

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



001C50



1F0E45



3D002F

# Triad

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



1F0E45



311000



002720

# Complementary

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



1F0E45



34450E

# 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.



002500



1F0E45



1C1B00

# Square

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



1F0E45



410000



002200



00263A

# Rectangle

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



1F0E45



44001D



002200



002617



# Sweetspot

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



1F0E45



4A4459



0E3445



25212E



ADADAD



2E2E2E



# Same Dimension

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



1F0E45



1E0459



3A0E45



212024



1F0063



4600E3



# Inverse Universe

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



450E34



59043F



19450E



242023



630045



E3009D



# Previews

## White Background



This preview shows how the Hex color 1F0E45 looks on a white background.

## Color Contrast Check

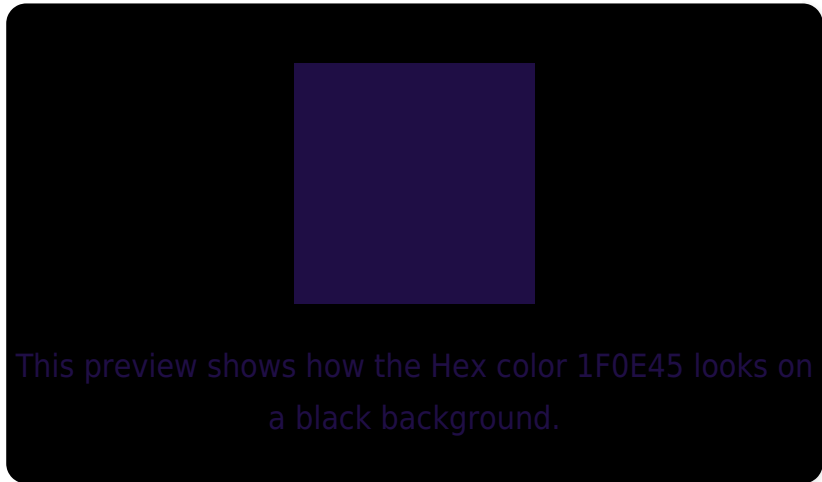
Large Text (above 18pt) WCAG AA ✓ Pass

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

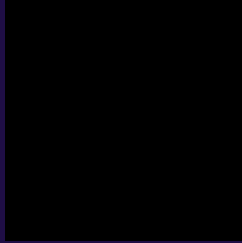
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1F0E45 Background



This preview shows how black text looks on a background with the Hex color 1F0E45.



This preview shows how white text looks on a background with the Hex color 1F0E45.

# 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**  
1F0E45

**Protanopia**  
001A38

**Deuteranopia**  
001C30



# Trichromacy



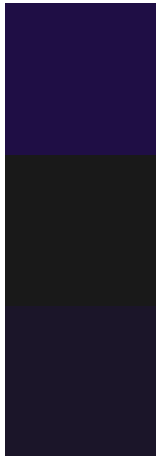
**Original Color**  
1F0E45

**Protanomaly**  
0B163D

**Deuteranomaly**  
0B1738

**Tritanomaly**  
17182D

# Monochromacy



**Original Color**  
1F0E45

**Achromatopsia**  
191919

**Achromatomaly**  
1B1529

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F0E45 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 #1F0E45 looks like.

```
.text, #text, p{  
    color:#1F0E45  
}
```

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 #1F0E45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F0E45
}
```

## Border

The CSS property to change the border of an element to Hex 1F0E45 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".

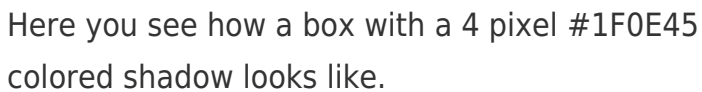
```
.border, #border, table{ border:4px solid
#1F0E45 }
```

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

```
.border{ border-color:#1F0E45 }
```

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

Here you see how a box with a 4 pixel #1F0E45 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F0E45; -webkit-box-shadow:4px 4px  
4px 4px #1F0E45; box-shadow:4px 4px 4px  
4px #1F0E45 }
```

# Background

The CSS property to change the background color of an element to Hex 1F0E45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F0E45 }
```

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

```
.background{ background-color:#1F0E45 }
```

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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