

# Converting Colors

Hex(3D1F38)

Have a look what the booklet for  
Hex(3D1F38) contains.

<b>Hex(3D1F38)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(3D1F38)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D1F38
RGB	61, 31, 56
RGB Percent	24%, 12%, 22%
CMY	0.7608, 0.8784, 0.7804
CMYK	0.00, 0.49, 0.08, 0.76
HSL	310°, 33%, 18%
HSV	310°, 49%, 24%
XYZ	3.1283, 2.2576, 4.0123
YIQ	42.8200, 9.8550, 14.1350

# Conversions

## Conversions Part 2

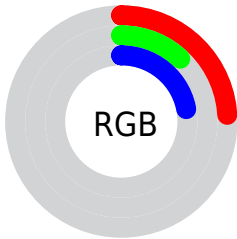
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 31, 56
Decimal	4005688
CIELab	16.78, 18.92, -10.03
CIELCh	17, 21.414, 332.077
Yxy	2.2576, 0.3329, 0.2402
Android (android.graphics.Color)	4282195768 (0xFF3D1F38)
YUV	42.8200, 6.4977, 15.9439
Hunter-Lab	15.0253, 10.8694, -5.3147

# Details

The Hex color **3D1F38** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1F3D24**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **6D4C67**, and **08000B** is the 20% darker color. If you saturate the color by 10%, you get **3D1937**, and if you desaturate by 10%, it is **3D2539**.

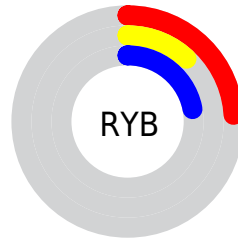
# Distribution



 Red (24%)

 Green (12%)

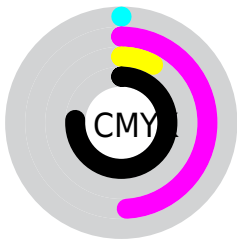
 Blue (22%)



 Red (24%)

 Yellow (12%)

 Blue (22%)

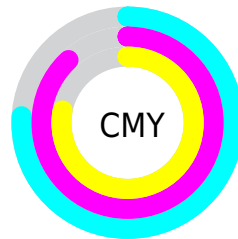


 Cyan (0%)


 Magenta (49%)

 Yellow (8%)

 Black (76%)



 Cyan (76%)

 Magenta (88%)

 Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D1F38 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 3D1F38 by changing the saturation by 10% instead.





3D1F38



3D1F38

FFFFFF



270A23



6D4C67



08000B



876480



000000



A17D9A



BD97B5



D9B2D0



F5CEED



FFFAFF



3D1F38



3D1F38

■ 3D1937

■ 3D2539

■ 3D1336

■ 3D2B3A

■ 3D0D35

■ 3D313B

■ 3D0734

■ 3D373C

■ 3D0133

■ 3D3D3D

■ 3D0033

■ 3D443E

■ 3D4A3F

■ 3D5040

■ 3D5641

# Harmonies

## Analogous

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



2C2543



3D1F38



451C29

# Triad

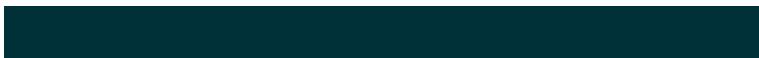
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3D1F38



312907



003139

# Complementary

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



3D1F38



1F3D24

# 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.



00312A



3D1F38



212D0E

# Square

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



3D1F38



3D230E



0C301A



002F44

# Rectangle

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



3D1F38



461D1F



0C301A



003134



# Sweetspot

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



3D1F38



4F434D



241F3D



292128



A8A8A8



292929



# Same Dimension

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



3D1F38



4F2047



3D1F29



1F1C1E



5E004F



DE00B9



# Inverse Universe

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



3D1F38



4F2047



1F3D33



1F1C1E



5E004F



DE00B9



# Previews

## White Background



This preview shows how the Hex color 3D1F38 looks on a white background.

## Color Contrast Check

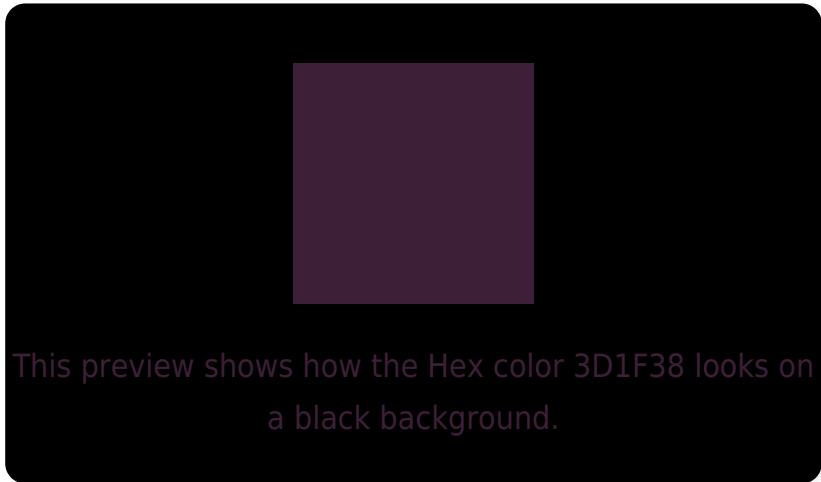
Large Text (above 18pt) WCAG AA ✓ Pass

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

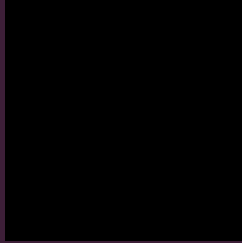
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3D1F38 Background



This preview shows how black text looks on a background with the Hex color 3D1F38.



This preview shows how white text looks on a background with the Hex color 3D1F38.

# 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**  
3D1F38

**Protanopia**  
222940

**Deuteranopia**  
282936



**Tritanopia**  
3B2326

# Trichromacy



**Original Color**

3D1F38

**Protanomaly**

2C253D

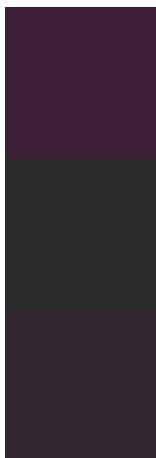
**Deuteranomaly**

302537

**Tritanomaly**

3C222D

# Monochromacy



**Original Color**

3D1F38

**Achromatopsia**

2B2B2B

**Achromatomaly**

322730

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D1F38 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 #3D1F38 looks like.

```
.text, #text, p{  
    color:#3D1F38  
}
```

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 #3D1F38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D1F38  
}
```

## Border

The CSS property to change the border of an element to Hex 3D1F38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

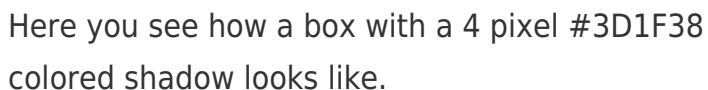
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#3D1F38 }
```

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

```
.border{ border-color:#3D1F38 }
```

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



Here you see how a box with a 4 pixel #3D1F38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D1F38; -webkit-box-shadow:4px 4px  
4px 4px #3D1F38; box-shadow:4px 4px 4px  
4px #3D1F38 }
```

# Background

The CSS property to change the background color of an element to Hex 3D1F38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D1F38 }
```

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

```
.background{ background-color:#3D1F38 }
```

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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