

Converting Colors

Hex(38102D)

Have a look what the booklet for
Hex(38102D) contains.

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Color

Hex(38102D)

Conversions

Conversions Part 1

Format	Color
Hex	38102D
RGB	56, 16, 45
RGB Percent	22%, 6%, 18%
CMY	0.7804, 0.9373, 0.8235
CMYK	0.00, 0.71, 0.20, 0.78
HSL	316°, 56%, 14%
HSV	316°, 71%, 22%
XYZ	2.2898, 1.4008, 2.6323
YIQ	31.2660, 14.5310, 17.4990

Conversions

Conversions Part 2

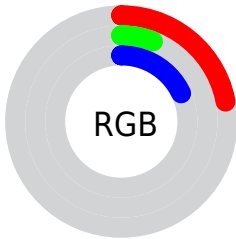
Format	Color
R_{YB}	56, 16, 45
Decimal	3674157
CIE _{Lab}	11.96, 23.88, -9.62
CIE _{LCh}	12, 25.743, 338.060
Yxy	1.4008, 0.3621, 0.2215
Android (android.graphics.Color)	4281864237 (0xFF38102D)
YUV	31.2660, 6.7709, 21.6917
Hunter-Lab	11.8355, 13.8224, -4.9017




Details

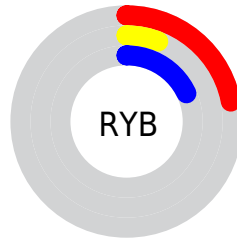
The Hex color **38102D** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **10381B**, and the grayscale version is **1F1F1F**.




A 20% lighter version of the original color is **693D5B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **380A2B**, and if you desaturate by 10%, it is **38162F**.

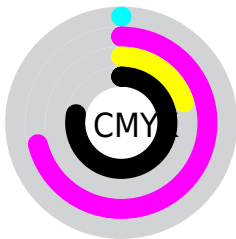
Distribution







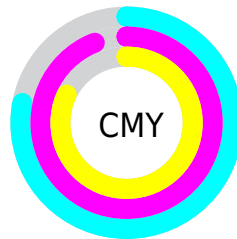
-  Red (22%)
-  Green (6%)
-  Blue (18%)






-  Red (22%)
-  Yellow (6%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (71%)
-  Yellow (20%)
-  Black (78%)



-  Cyan (78%)
-  Magenta (94%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38102D 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 38102D by changing the saturation by 10% instead.

 38102D

 38102D

 FFF5FF

 240019

 693D5B

 000000

 825573

 9D6E8D

 B887A7

 D4A2C2

 F1BDDE

 FFD9FB

 38102D

 38102D

■ 380A2B

■ 38162F

■ 38052A

■ 381B30

■ 380029

■ 382132

■ 382633

■ 382C35

■ 383236

■ 383738

■ 383D39

■ 38423B

Harmonies

Analogous

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



26183B



38102D



3F0C1B

Triad

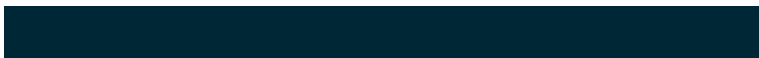
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



38102D



242000



002735

Complementary

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



38102D



10381B

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.



002824



38102D



132400

Square

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



38102D



331A00



002711



002540

Rectangle

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



38102D



3E0F0F



002711



002730

Sweetspot

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



38102D



4A3A46



1B1038



261D24



A6A6A6



262626

Same Dimension

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



38102D



4A0A38



381019



1C191B



5C0043



DB009F

Inverse Universe

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



38102D



4A0A38



10382F



1C191B



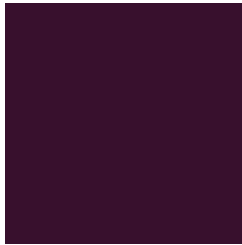
5C0043



DB009F

Previews

White Background



This preview shows how the Hex color 38102D looks on a white background.

Color Contrast Check

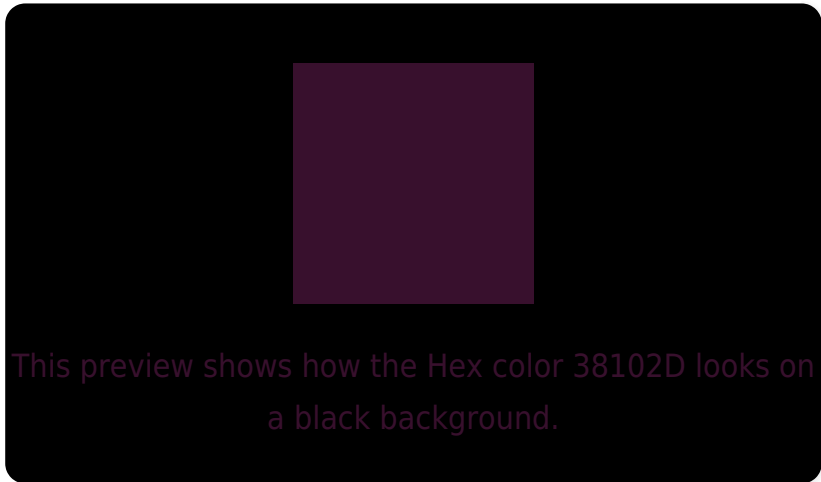
Large Text (above 18pt) WCAG AA ✓ Pass

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

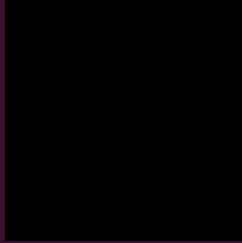
Any Text WCAG AA × Fail

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 38102D Background



This preview shows how black text looks on a background with the Hex color 38102D.



This preview shows how white text looks on a background with the Hex color 38102D.

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](#).

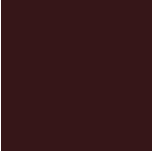
Dichromacy



Original Color
38102D

Protanopia
15203A

Deuteranopia
1F202B



Tritanopia
361618

Trichromacy



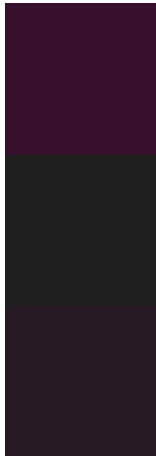
Original Color
38102D

Protanomaly
221A35

Deuteranomaly
281A2C

Tritanomaly
371420

Monochromacy



Original Color
38102D

Achromatopsia
1F1F1F

Achromatomaly
281A24

CSS Examples

Text

The CSS property to change the color of the text to Hex 38102D 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 #38102D looks like.

```
.text, #text, p{  
    color:#38102D  
}
```

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 #38102D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38102D
}
```

Border

The CSS property to change the border of an element to Hex 38102D is called "border". The border property can be set on classes, ids or directly on the HTML element.

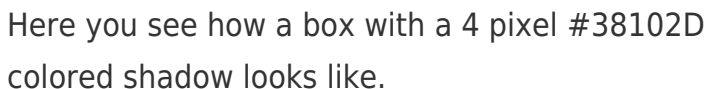
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#38102D }
```

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

```
.border{ border-color:#38102D }
```

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



Here you see how a box with a 4 pixel #38102D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38102D; -webkit-box-shadow:4px 4px  
4px 4px #38102D; box-shadow:4px 4px 4px  
4px #38102D }
```

Background

The CSS property to change the background color of an element to Hex 38102D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38102D }
```

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

```
.background{ background-color:#38102D }
```

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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