

Converting Colors

Hex(36102D)

Have a look what the booklet for
Hex(36102D) contains.

Hex(36102D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(36102D)

Conversions

Conversions Part 1

Format	Color
Hex	36102D
RGB	54, 16, 45
RGB Percent	21%, 6%, 18%
CMY	0.7882, 0.9373, 0.8235
CMYK	0.00, 0.70, 0.17, 0.79
HSL	314°, 54%, 14%
HSV	314°, 70%, 21%
XYZ	2.1803, 1.3443, 2.6272
YIQ	30.6680, 13.3390, 17.0750

Conversions

Conversions Part 2

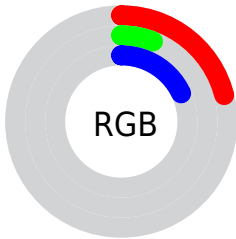
Format	Color
RYB	54, 16, 45
Decimal	3543085
CIELab	11.58, 23.18, -10.24
CIELCh	12, 25.340, 336.170
Yxy	1.3443, 0.3544, 0.2185
Android (android.graphics.Color)	4281733165 (0xFF36102D)
YUV	30.6680, 7.0657, 20.4622
Hunter-Lab	11.5945, 13.2755, -5.3184




Details

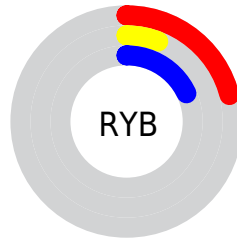
The Hex color **36102D** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **103619**, and the grayscale version is **1F1F1F**.




A 20% lighter version of the original color is **663D5B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **360B2C**, and if you desaturate by 10%, it is **36152E**.

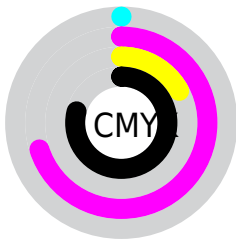
Distribution







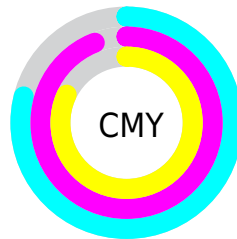
-  Red (21%)
-  Green (6%)
-  Blue (18%)






-  Red (21%)
-  Yellow (6%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (70%)
-  Yellow (17%)
-  Black (79%)



-  Cyan (79%)
-  Magenta (94%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36102D 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 36102D by changing the saturation by 10% instead.

 36102D

 36102D

 FFF5FF

 230019

 663D5B

 000000

 805473

 9A6D8D

 B587A7

 D1A1C2

 EEBCDE

 FFD8FB

 36102D

 36102D

■ 360B2C

■ 36152E

■ 36052A

■ 361B30

■ 360029

■ 362031

■ 362632

■ 362B33

■ 363035

■ 363636

■ 363B37

■ 364139

Harmonies

Analogous

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



23183B



36102D



3D0C1C

Triad

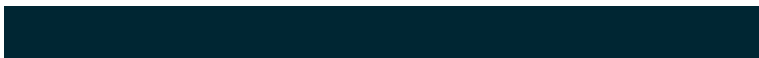
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36102D



241F00



002633

Complementary

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



36102D



103619

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.



002722



36102D



142300

Square

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



36102D



321800



00260F



00243E

Rectangle

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



36102D



3D0E0F



00260F



00272D

Sweetspot

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



36102D



473844



191036



241B22



A3A3A3



242424

Same Dimension

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



36102D



470B39



36101A



1C191B



5C0046



DB00A7

Inverse Universe

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



36102D



470B39



10362C



1C191B



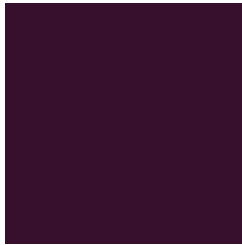
5C0046



DB00A7

Previews

White Background



This preview shows how the Hex color 36102D looks on a white background.

Color Contrast Check

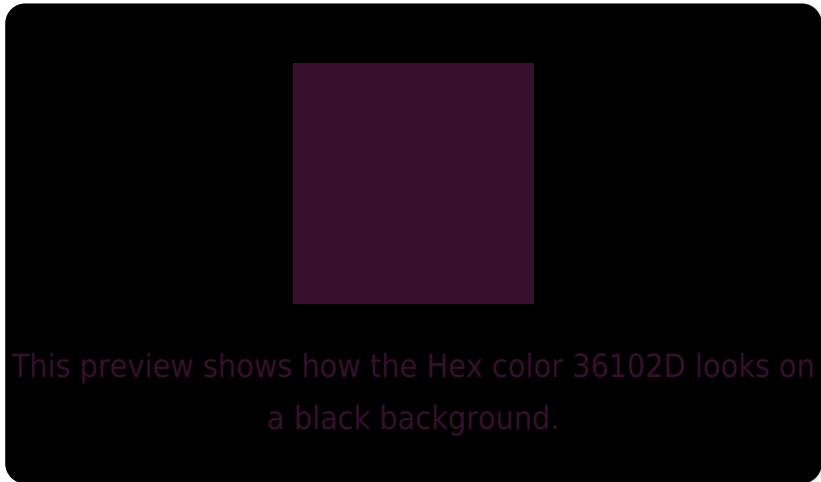
Large Text (above 18pt) WCAG AA ✓ Pass

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

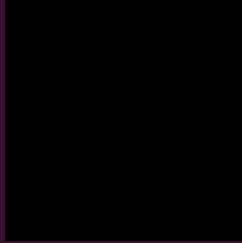
Any Text WCAG AA × Fail

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 36102D Background



This preview shows how black text looks on a background with the Hex color 36102D.



This preview shows how white text looks on a background with the Hex color 36102D.

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](#).

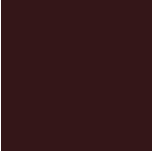
Dichromacy



Original Color
36102D

Protanopia
141F3A

Deuteranopia
1D202B



Tritanopia
341618

Trichromacy



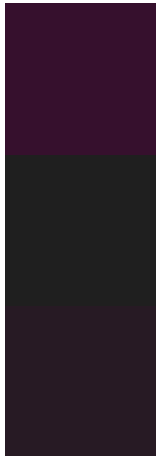
Original Color
36102D

Protanomaly
201A35

Deuteranomaly
261A2C

Tritanomaly
351420

Monochromacy



Original Color
36102D

Achromatopsia
1F1F1F

Achromatomaly
271A24

CSS Examples

Text

The CSS property to change the color of the text to Hex 36102D 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 #36102D looks like.

```
.text, #text, p{  
    color:#36102D  
}
```

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 #36102D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36102D }  
}
```

Border

The CSS property to change the border of an element to Hex 36102D is called "border". The border property can be set on classes, ids or directly on the HTML element.

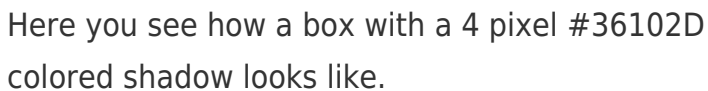
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #36102D }  
}
```

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

```
.border{ border-color:#36102D }
```

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



Here you see how a box with a 4 pixel #36102D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36102D; -webkit-box-shadow:4px 4px  
4px 4px #36102D; box-shadow:4px 4px 4px  
4px #36102D }
```

Background

The CSS property to change the background color of an element to Hex 36102D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36102D }
```

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

```
.background{ background-color:#36102D }
```

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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