

Converting Colors

Hex(37012B)

Have a look what the booklet for
Hex(37012B) contains.

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Color

Hex(37012B)

Conversions

Conversions Part 1

Format	Color
Hex	37012B
RGB	55, 1, 43
RGB Percent	22%, 0%, 17%
CMY	0.7843, 0.9961, 0.8314
CMYK	0.00, 0.98, 0.22, 0.78
HSL	313°, 96%, 11%
HSV	313°, 98%, 22%
XYZ	2.0224, 1.0084, 2.3735
YIQ	21.9340, 18.7020, 24.5100

Conversions

Conversions Part 2

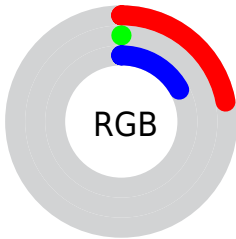
Format	Color
RYB	55, 1, 43
Decimal	3604779
CIELab	9.06, 30.53, -12.66
CIElCh	9, 33.053, 337.477
Yxy	1.0084, 0.3742, 0.1866
Android (android.graphics.Color)	4281794859 (0xFF37012B)
YUV	21.9340, 10.3855, 28.9989
Hunter-Lab	10.0417, 18.3780, -6.9851

Details

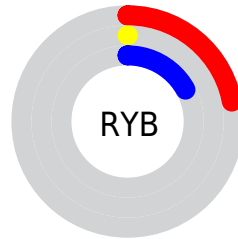
The Hex color **37012B** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **01370D**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **683159**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **37002B**, and if you desaturate by 10%, it is **37062C**.

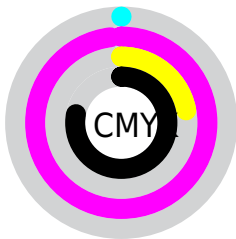
Distribution



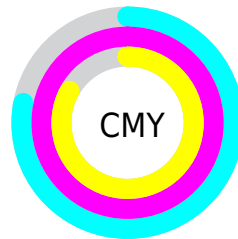
- Red (22%)
- Green (0%)
- Blue (17%)



- Red (22%)
- Yellow (0%)
- Blue (17%)



- Cyan (0%)
- Magenta (98%)
- Yellow (22%)
- Black (78%)



- Cyan (78%)
- Magenta (100%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37012B 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 37012B by changing the saturation by 10% instead.

 37012B

 37012B

 FFE8FF

 230017

 683159

 000000

 824971

 9D618B

 B97BA5

 D595C0

 F1B0DC

 FFCCF9

 37012B

 37012B

■ 37002B

■ 37062C

■ 370C2D

■ 37112F

■ 371730

■ 371C31

■ 372232

■ 372834

■ 372D35

■ 373336

Harmonies

Analogous

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



1F103D



37012B



3F0015

Triad

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



37012B



1D1B00



002434

Complementary

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



37012B



01370D

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.



00241F



37012B



002000

Square

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



37012B



2E1200



002301



002143

Rectangle

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



37012B



3E0000



002301



00242E

Sweetspot

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



37012B



473343



0D0137



241721



A3A3A3



242424

Same Dimension

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



37012B



470038



370110



1C191B



5C0047



DB00AB

Inverse Universe

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



37012B



470038



013728



1C191B



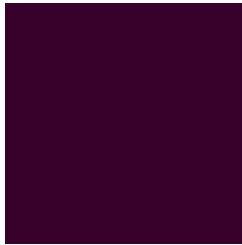
5C0047



DB00AB

Previews

White Background



This preview shows how the Hex color 37012B looks on a white background.

Color Contrast Check

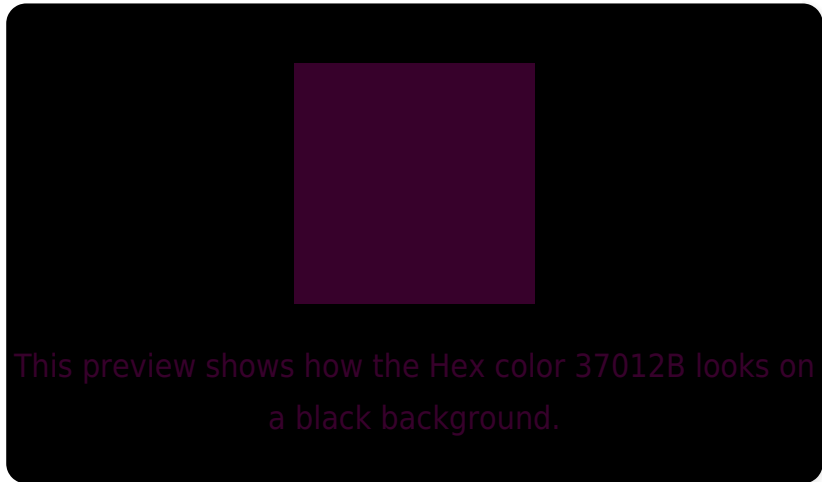
Large Text (above 18pt) WCAG AA ✓ Pass

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

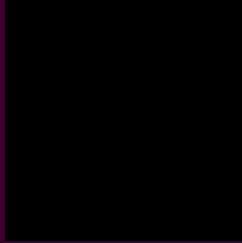
Any Text WCAG AA × Fail

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 37012B Background



This preview shows how black text looks on a background with the Hex color 37012B.



This preview shows how white text looks on a background with the Hex color 37012B.

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
37012B

Protanopia
061D3D

Deuteranopia
1B1E28



Tritanopia
351112

Trichromacy



Original Color
37012B

Protanomaly
181336

Deuteranomaly
251329

Tritanomaly
360B1B

Monochromacy



Original Color
37012B

Achromatopsia
161616

Achromatomaly
220E1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 37012B 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 #37012B looks like.

```
.text, #text, p{  
    color:#37012B  
}
```

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 #37012B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37012B
}
```

Border

The CSS property to change the border of an element to Hex 37012B is called "border". The border property can be set on classes, ids or directly on the HTML element.

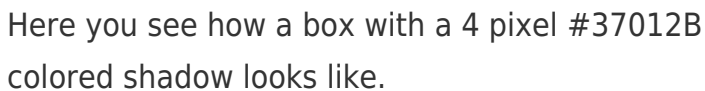
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#37012B }
```

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

```
.border{ border-color:#37012B }
```

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



Here you see how a box with a 4 pixel #37012B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37012B; -webkit-box-shadow:4px 4px  
4px 4px #37012B; box-shadow:4px 4px 4px  
4px #37012B }
```

Background

The CSS property to change the background color of an element to Hex 37012B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37012B }
```

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

```
.background{ background-color:#37012B }
```

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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