

Converting Colors

Hex(3D1122)

Have a look what the booklet for
Hex(3D1122) contains.

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Color

Hex(3D1122)

Conversions

Conversions Part 1

Format	Color
Hex	3D1122
RGB	61, 17, 34
RGB Percent	24%, 7%, 13%
CMY	0.7608, 0.9333, 0.8667
CMYK	0.00, 0.72, 0.44, 0.76
HSL	337°, 56%, 15%
HSV	337°, 72%, 24%
XYZ	2.4137, 1.5085, 1.6773
YIQ	32.0940, 20.7670, 14.6150

Conversions

Conversions Part 2

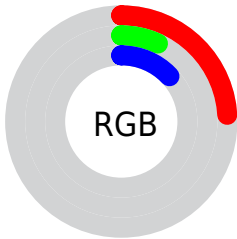
Format	Color
RYB	61, 17, 34
Decimal	4002082
CIELab	12.66, 23.42, -0.35
CIElCh	13, 23.425, 359.151
Yxy	1.5085, 0.4310, 0.2694
Android (android.graphics.Color)	4282192162 (0xFF3D1122)
YUV	32.0940, 0.9397, 25.3506
Hunter-Lab	12.2821, 13.5849, 0.5004

Details

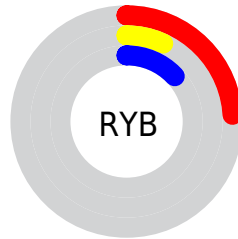
The Hex color **3D1122** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **113D2C**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **6F3E4E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3D0B1E**, and if you desaturate by 10%, it is **3D1726**.

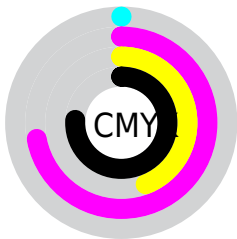
Distribution



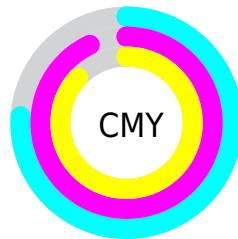
- Red (24%)
- Green (7%)
- Blue (13%)



- Red (24%)
- Yellow (7%)
- Blue (13%)



- Cyan (0%)
- Magenta (72%)
- Yellow (44%)
- Black (76%)



- Cyan (76%)
- Magenta (93%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D1122 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 3D1122 by changing the saturation by 10% instead.

 3D1122

 3D1122

 FFF7FF

 28000C

 6F3E4E

 000000

 895666

 A46F7F

 BF8999

 DCA3B4

 F9BECF

 FFDAEB

 3D1122

 3D1122

■ 3D0B1E

■ 3D1726

■ 3D051B

■ 3D1D29

■ 3D0018

■ 3D232D

■ 3D2931

■ 3D3035

■ 3D3638

■ 3D3C3C

■ 3D4240

■ 3D4844

Harmonies

Analogous

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



341632



3D1122



3D1312

Triad

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



3D1122



1B2400



00273C

Complementary

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



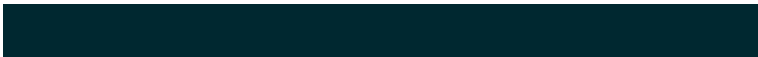
3D1122



113D2C

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.



002830



3D1122



02270F

Square

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



3D1122



2B2000



002820



002341

Rectangle

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



3D1122



391704



002820



002739

Sweetspot

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



3D1122



4F3E44



2B113D



291E22



A8A8A8



292929

Same Dimension

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



3D1122



4F0A25



3D1511



1F1C1D



5E0024



DE0056

Inverse Universe

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



3D1122



4F0A25



11393D



1F1C1D



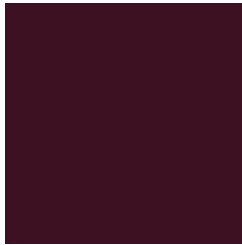
5E0024



DE0056

Previews

White Background



This preview shows how the Hex color 3D1122 looks on a white background.

Color Contrast Check

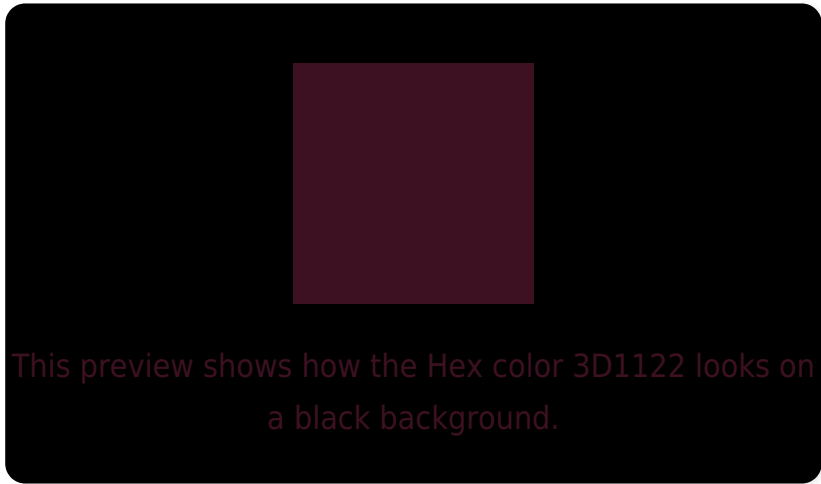
Large Text (above 18pt) WCAG AA ✓ Pass

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

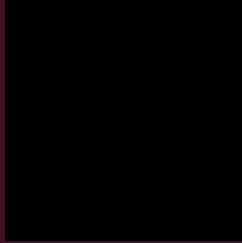
Any Text WCAG AA × Fail

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 3D1122 Background



This preview shows how black text looks on a background with the Hex color 3D1122.



This preview shows how white text looks on a background with the Hex color 3D1122.

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](#).

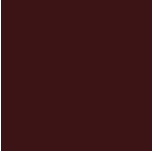
Dichromacy



Original Color
3D1122

Protanopia
20222C

Deuteranopia
272120



Tritanopia
3C1415

Trichromacy



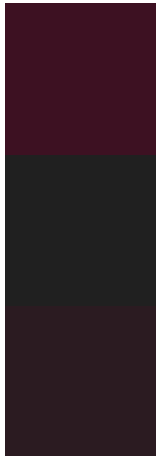
Original Color
3D1122

Protanomaly
2B1C28

Deuteranomaly
2F1B21

Tritanomaly
3C131A

Monochromacy



Original Color
3D1122

Achromatopsia
202020

Achromatomaly
2B1B21

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D1122 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 #3D1122 looks like.

```
.text, #text, p{  
    color:#3D1122  
}
```

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 #3D1122 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D1122
}
```

Border

The CSS property to change the border of an element to Hex 3D1122 is called "border". The border property can be set on classes, ids or directly on the HTML element.

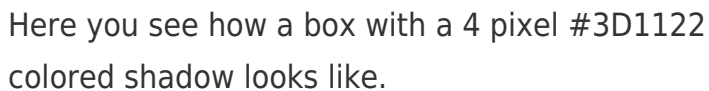
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D1122 }
```

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

```
.border{ border-color:#3D1122 }
```

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



Here you see how a box with a 4 pixel #3D1122 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D1122; -webkit-box-shadow:4px 4px  
4px 4px #3D1122; box-shadow:4px 4px 4px  
4px #3D1122 }
```

Background

The CSS property to change the background color of an element to Hex 3D1122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D1122 }
```

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

```
.background{ background-color:#3D1122 }
```

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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