

Converting Colors

Hex(3D1148)

Have a look what the booklet for
Hex(3D1148) contains.

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Color

Hex(3D1148)

Conversions

Conversions Part 1

Format	Color
Hex	3D1148
RGB	61, 17, 72
RGB Percent	24%, 7%, 28%
CMY	0.7608, 0.9333, 0.7176
CMYK	0.15, 0.76, 0.00, 0.72
HSL	288°, 62%, 17%
HSV	288°, 76%, 28%
XYZ	3.2946, 1.8609, 6.3164
YIQ	36.4260, 8.5690, 26.4330

Conversions

Conversions Part 2

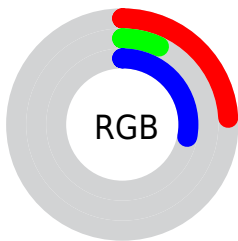
Format	Color
R_{YB}	61, 17, 72
Decimal	4002120
CIE Lab	14.74, 30.53, -24.42
CIE LCh	15, 39.096, 321.340
Yxy	1.8609, 0.2872, 0.1622
Android (android.graphics.Color)	4282192200 (0xFF3D1148)
YUV	36.4260, 17.5380, 21.5514
Hunter-Lab	13.6414, 19.2382, -17.9043




Details

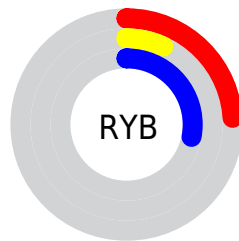
The Hex color **3D1148** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1C4811**, and the grayscale version is **242424**.




A 20% lighter version of the original color is **6F4079**, and **03001C** is the 20% darker color. If you saturate the color by 10%, you get **3C0A48**, and if you desaturate by 10%, it is **3E1848**.

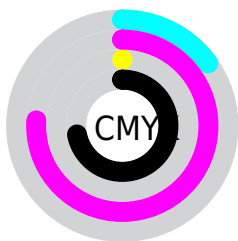
Distribution







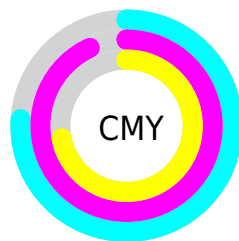
-  Red (24%)
-  Green (7%)
-  Blue (28%)






-  Red (24%)
-  Yellow (7%)
-  Blue (28%)



-  Cyan (15%)
-  Magenta (76%)
-  Yellow (0%)
-  Black (72%)



-  Cyan (76%)
-  Magenta (93%)
-  Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D1148 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 3D1148 by changing the saturation by 10% instead.

 3D1148

 3D1148

 FFFAFF

 260031

 6F4079

 03001C

 895893

 000000

 A371AE

 BF8BC9

 DBA6E5

 F8C1FF

 FFDDFF

 3D1148

 3D1148

■ 3C0A48

■ 3E1848

■ 3A0348

■ 401F48

■ 3A0048

■ 412748

■ 432E48

■ 443548

■ 463C48

■ 474348

■ 494B48

■ 4A5248

Harmonies

Analogous

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



022259



3D1148



50002E

Triad

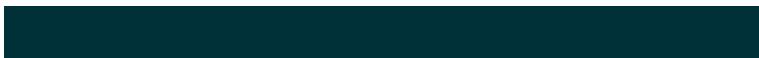
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3D1148



362100



003139

Complementary

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



3D1148



1C4811

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.



00301C



3D1148



1D2A00

Square

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



3D1148



491300



002E00



002F50

Rectangle

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



3D1148



54001C



002E00



00312F

Sweetspot

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



3D1148



5A495E



111C48



2E2330



B0B0B0



303030

Same Dimension

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



3D1148



4D085E



481138



232024



500063



B600E3

Inverse Universe

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



48111C



5E0819



114822



242021



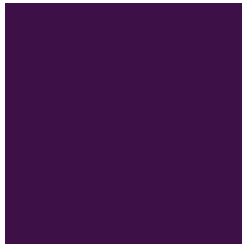
630014



E3002D

Previews

White Background



This preview shows how the Hex color 3D1148 looks on a white background.

Color Contrast Check

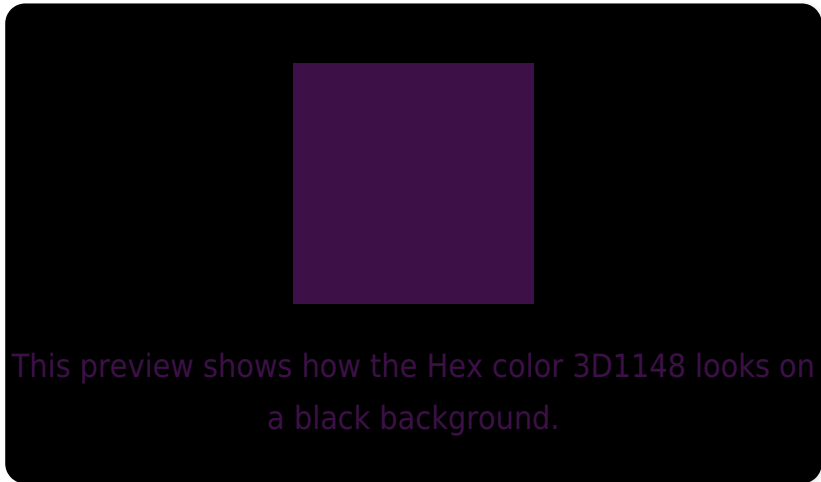
Large Text (above 18pt) WCAG AA ✓ Pass

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

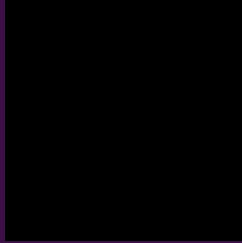
Any Text WCAG AA × Fail

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 3D1148 Background



This preview shows how black text looks on a background with the Hex color 3D1148.



This preview shows how white text looks on a background with the Hex color 3D1148.

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
3D1148

Protanopia
00254F

Deuteranopia
0D2744

Trichromacy



Original Color
3D1148

Protanomaly
161E4C

Deuteranomaly
1E1F45

Tritanomaly
3A1B30

Monochromacy



Original Color
3D1148

Achromatopsia
242424

Achromatomaly
2D1D31

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D1148 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 #3D1148 looks like.

```
.text, #text, p{  
    color:#3D1148  
}
```

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 #3D1148 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D1148  
}
```

Border

The CSS property to change the border of an element to Hex 3D1148 is called "border". The border property can be set on classes, ids or directly on the HTML element.

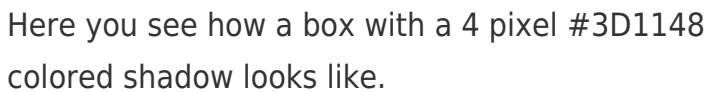
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#3D1148 }
```

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

```
.border{ border-color:#3D1148 }
```

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



Here you see how a box with a 4 pixel #3D1148 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D1148; -webkit-box-shadow:4px 4px  
4px 4px #3D1148; box-shadow:4px 4px 4px  
4px #3D1148 }
```

Background

The CSS property to change the background color of an element to Hex 3D1148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D1148 }
```

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

```
.background{ background-color:#3D1148 }
```

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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