

Converting Colors

Hex(3D1135)

Have a look what the booklet for
Hex(3D1135) contains.

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Color

Hex(3D1135)

Conversions

Conversions Part 1

Format	Color
Hex	3D1135
RGB	61, 17, 53
RGB Percent	24%, 7%, 21%
CMY	0.7608, 0.9333, 0.7922
CMYK	0.00, 0.72, 0.13, 0.76
HSL	311°, 56%, 15%
HSV	311°, 72%, 24%
XYZ	2.7675, 1.6500, 3.5408
YIQ	34.2600, 14.6680, 20.5240

Conversions

Conversions Part 2

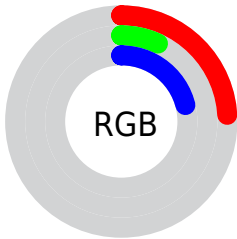
Format	Color
RYB	61, 17, 53
Decimal	4002101
CIELab	13.53, 26.53, -12.92
CIElCh	14, 29.510, 334.033
Yxy	1.6500, 0.3478, 0.2073
Android (android.graphics.Color)	4282192181 (0xFF3D1135)
YUV	34.2600, 9.2388, 23.4510
Hunter-Lab	12.8454, 15.9782, -7.3513




Details

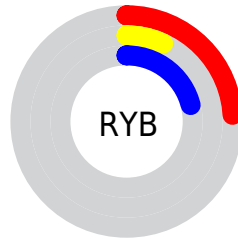
The Hex color **3D1135** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **113D19**, and the grayscale version is **222222**.




A 20% lighter version of the original color is **6E3F64**, and **000004** is the 20% darker color. If you saturate the color by 10%, you get **3D0B34**, and if you desaturate by 10%, it is **3D1736**.

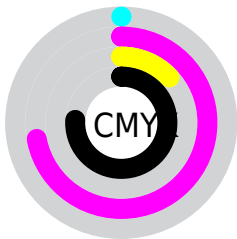
Distribution







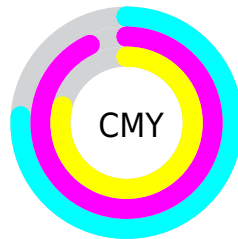
-  Red (24%)
-  Green (7%)
-  Blue (21%)






-  Red (24%)
-  Yellow (7%)
-  Blue (21%)



-  Cyan (0%)
-  Magenta (72%)
-  Yellow (13%)
-  Black (76%)



-  Cyan (76%)
-  Magenta (93%)
-  Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D1135 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 3D1135 by changing the saturation by 10% instead.

 3D1135

 3D1135

 FFF8FF

 270020

 6E3F64

 000004

 88577D

 000000

 A37097

 BE8AB1

 DAA4CD

 F7BFE9

 FFDCCF

 3D1135

 3D1135

■ 3D0B34

■ 3D1736

■ 3D0533

■ 3D1D37

■ 3D0032

■ 3D2338

■ 3D2939

■ 3D303B

■ 3D363C

■ 3D3C3D

■ 3D423E

■ 3D483F

Harmonies

Analogous

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



251C45



3D1135



460B21

Triad

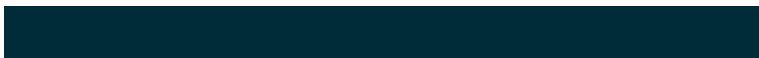
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3D1135



2A2300



002C39

Complementary

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



3D1135



113D19

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.



002C25



3D1135



162800

Square

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



3D1135



3A1B00



002B0F



002948

Rectangle

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



3D1135



460E13



002B0F



002C33

Sweetspot

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



3D1135



4F3E4C



18113D



291E27



A8A8A8



292929

Same Dimension

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



3D1135



4F0A43



3D1120



1F1C1E



5E004D



DE00B6

Inverse Universe

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



3D1135



4F0A43



113D2E



1F1C1E



5E004D



DE00B6

Previews

White Background



This preview shows how the Hex color 3D1135 looks on a white background.

Color Contrast Check

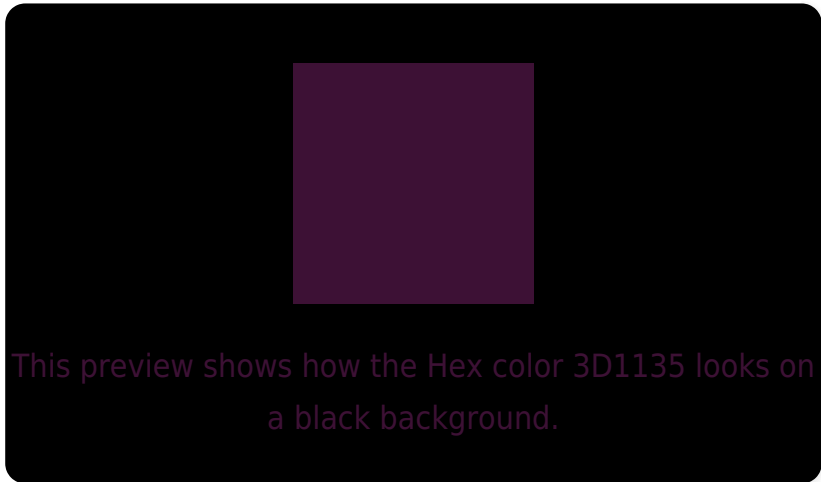
Large Text (above 18pt) WCAG AA ✓ Pass

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

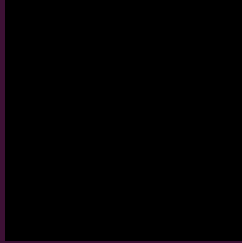
Any Text WCAG AA × Fail

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 3D1135 Background



This preview shows how black text looks on a background with the Hex color 3D1135.



This preview shows how white text looks on a background with the Hex color 3D1135.

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
3D1135

Protanopia
122344

Deuteranopia
202432



Tritanopia
3A191B

Trichromacy



Original Color
3D1135

Protanomaly
221C3F

Deuteranomaly
2B1D33

Tritanomaly
3B1624

Monochromacy



Original Color
3D1135

Achromatopsia
222222

Achromatomaly
2C1C29

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D1135 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 #3D1135 looks like.

```
.text, #text, p{  
    color:#3D1135  
}
```

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 #3D1135 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D1135
}
```

Border

The CSS property to change the border of an element to Hex 3D1135 is called "border". The border property can be set on classes, ids or directly on the HTML element.

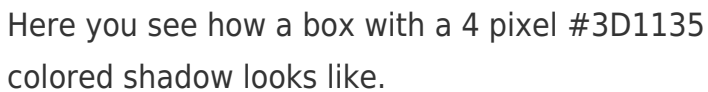
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D1135 }
```

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

```
.border{ border-color:#3D1135 }
```

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



Here you see how a box with a 4 pixel #3D1135 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D1135; -webkit-box-shadow:4px 4px  
4px 4px #3D1135; box-shadow:4px 4px 4px  
4px #3D1135 }
```

Background

The CSS property to change the background color of an element to Hex 3D1135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D1135 }
```

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

```
.background{ background-color:#3D1135 }
```

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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