

Converting Colors

Hex(3D0020)

Have a look what the booklet for
Hex(3D0020) contains.

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Color

Hex(3D0020)

Conversions

Conversions Part 1

Format	Color
Hex	3D0020
RGB	61, 0, 32
RGB Percent	24%, 0%, 13%
CMY	0.7608, 1.0000, 0.8745
CMYK	0.00, 1.00, 0.48, 0.76
HSL	329°, 100%, 12%
HSV	329°, 100%, 24%
XYZ	2.1852, 1.0964, 1.4630
YIQ	21.8870, 26.0840, 22.8840

Conversions

Conversions Part 2

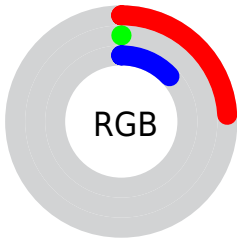
Format	Color
RYB	61, 0, 32
Decimal	3997728
CIELab	9.77, 31.10, -3.12
CIELCh	10, 31.252, 354.278
Yxy	1.0964, 0.4606, 0.2311
Android (android.graphics.Color)	4282187808 (0xFF3D0020)
YUV	21.8870, 4.9857, 34.3021
Hunter-Lab	10.4708, 18.9276, -0.9542

Details

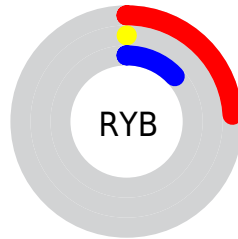
The Hex color **3D0020** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **003D1D**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **70314C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3D0020**, and if you desaturate by 10%, it is **3D0623**.

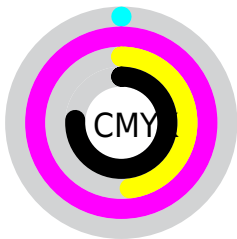
Distribution



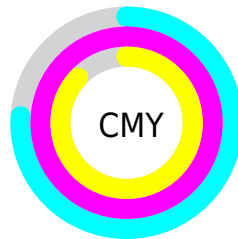
- Red (24%)
- Green (0%)
- Blue (13%)



- Red (24%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (48%)
- Black (76%)



- Cyan (76%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D0020 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 3D0020 by changing the saturation by 10% instead.

 3D0020

 3D0020

 FFE9FF

 2A0008

 70314C

 000000

 8A4964

 A6627D

 C27B96

 DE96B1

 FBB1CD

 FFCCE9

 3D0020

■ 3D0623

■ 3D0C26

■ 3D1229

■ 3D182C

■ 3D1F2E

■ 3D2531

■ 3D2B34

■ 3D3137

■ 3D373A

Harmonies

Analogous

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



300B34



3D0020



3E0206

Triad

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



3D0020



131F00



00233D

Complementary

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



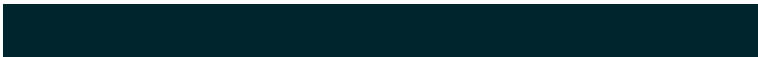
3D0020



003D1D

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.



00252C



3D0020



002300

Square

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



3D0020



271900



002516



001F45

Rectangle

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



3D0020



3A0A00



002516



002438

Sweetspot

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



3D0020



4F3744



1C003D



291A22



A8A8A8



292929

Same Dimension

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



3D0020



4F0029



3D0002



1F1C1D



5E0031



DE0074

Inverse Universe

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



3D0020



4F0029



003D3B



1F1C1D



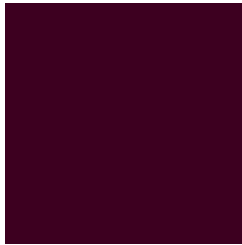
5E0031



DE0074

Previews

White Background



This preview shows how the Hex color 3D0020 looks on a white background.

Color Contrast Check

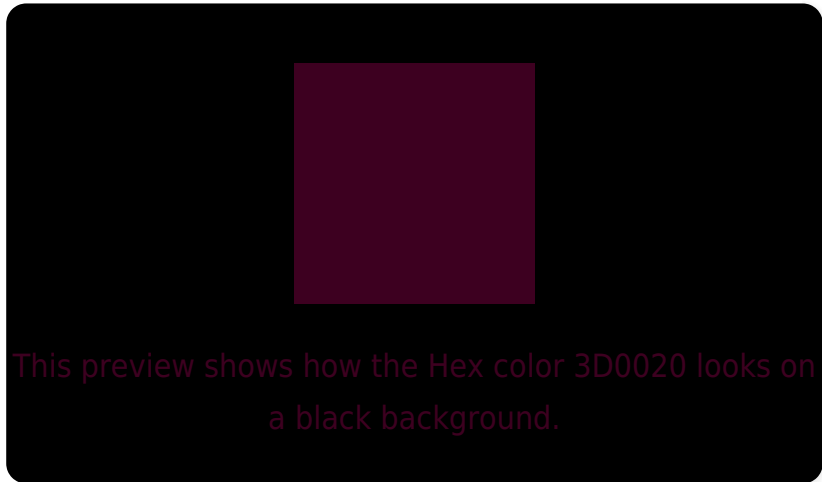
Large Text (above 18pt) WCAG AA ✓ Pass

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

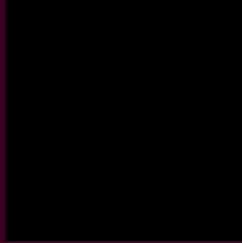
Any Text WCAG AA × Fail

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 3D0020 Background



This preview shows how black text looks on a background with the Hex color 3D0020.



This preview shows how white text looks on a background with the Hex color 3D0020.

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](#).

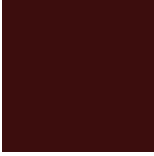
Dichromacy



Original Color
3D0020

Protanopia
1B1F2E

Deuteranopia
241F1D



Tritanopia
3C0D0D

Trichromacy



Original Color
3D0020

Protanomaly
271429

Deuteranomaly
2D141E

Tritanomaly
3C0814

Monochromacy



Original Color
3D0020

Achromatopsia
161616

Achromatomaly
240E1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D0020 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 #3D0020 looks like.

```
.text, #text, p{  
    color:#3D0020  
}
```

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 #3D0020 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D0020
}
```

Border

The CSS property to change the border of an element to Hex 3D0020 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
#3D0020 }
```

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

```
.border{ border-color:#3D0020 }
```

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

Here you see how a box with a 4 pixel #3D0020 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D0020; -webkit-box-shadow:4px 4px  
4px 4px #3D0020; box-shadow:4px 4px 4px  
4px #3D0020 }
```

Background

The CSS property to change the background color of an element to Hex 3D0020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D0020 }
```

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

```
.background{ background-color:#3D0020 }
```

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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