

Converting Colors

Hex(3D0D20)

Have a look what the booklet for
Hex(3D0D20) contains.

Hex(3D0D20)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3D0D20)

Conversions

Conversions Part 1

Format	Color
Hex	3D0D20
RGB	61, 13, 32
RGB Percent	24%, 5%, 13%
CMY	0.7608, 0.9490, 0.8745
CMYK	0.00, 0.79, 0.48, 0.76
HSL	336°, 65%, 15%
HSV	336°, 79%, 24%
XYZ	2.3291, 1.3842, 1.5109
YIQ	29.5180, 22.5090, 16.0850

Conversions

Conversions Part 2

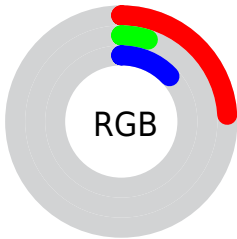
Format	Color
R_{YB}	61, 13, 32
Decimal	4001056
CIE _{Lab}	11.85, 25.18, -0.04
CIE _{LCh}	12, 25.176, 359.910
Yxy	1.3842, 0.4458, 0.2650
Android (android.graphics.Color)	4282191136 (0xFF3D0D20)
YUV	29.5180, 1.2236, 27.6097
Hunter-Lab	11.7653, 14.7471, 0.6216




Details

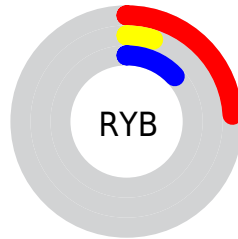
The Hex color **3D0D20** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0D3D2A**, and the grayscale version is **1D1D1D**.




A 20% lighter version of the original color is **6F3B4C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3D071C**, and if you desaturate by 10%, it is **3D1324**.

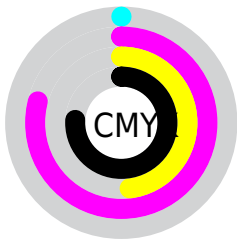
Distribution







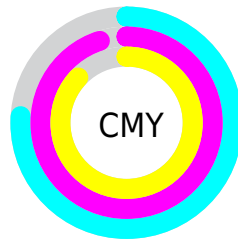
-  Red (24%)
-  Green (5%)
-  Blue (13%)






-  Red (24%)
-  Yellow (5%)
-  Blue (13%)



-  Cyan (0%)
-  Magenta (79%)
-  Yellow (48%)
-  Black (76%)



-  Cyan (76%)
-  Magenta (95%)
-  Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D0D20 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 3D0D20 by changing the saturation by 10% instead.

 3D0D20

 3D0D20

 FFF3FF

 290008

 6F3B4C

 000000

 895364

 A46B7C

 C08596

 DCA0B1

 F9BBCC

 FFD7E9

 3D0D20

 3D0D20

■ 3D071C

■ 3D1324

■ 3D0119

■ 3D1927

■ 3D0018

■ 3D1F2B

■ 3D252F

■ 3D2C32

■ 3D3236

■ 3D383A

■ 3D3E3D

■ 3D4441

Harmonies

Analogous

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



341231



3D0D20



3D100E

Triad

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



3D0D20



182300



00253D

Complementary

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



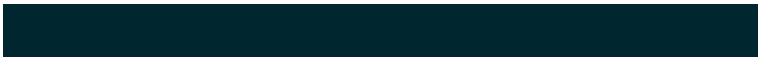
3D0D20



0D3D2A

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.



002730



3D0D20



00260B

Square

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



3D0D20



281E00



00271F



002142

Rectangle

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



3D0D20



391500



00271F



002639

Sweetspot

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



3D0D20



4F3C44



2A0D3D



291D22



A8A8A8



292929

Same Dimension

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



3D0D20



4F0522



3D120D



1F1C1D



5E0025



DE0058

Inverse Universe

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



3D0D20



4F0522



0D383D



1F1C1D



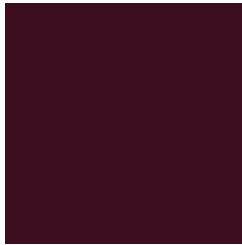
5E0025



DE0058

Previews

White Background



This preview shows how the Hex color 3D0D20 looks on a white background.

Color Contrast Check

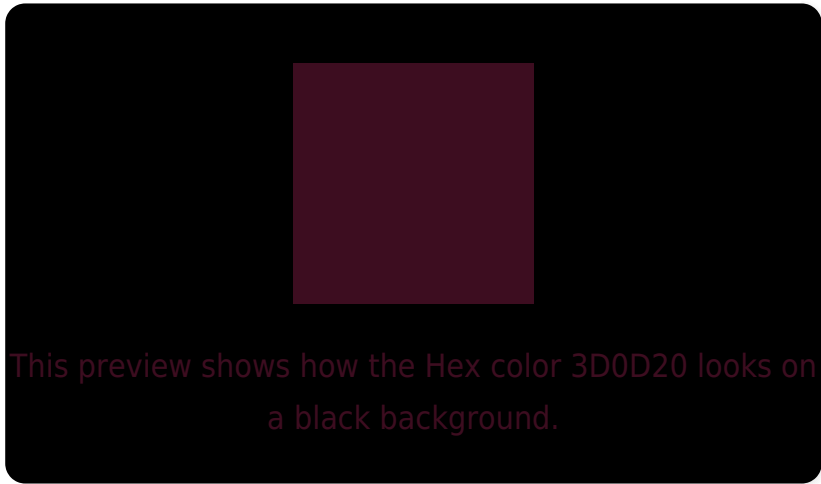
Large Text (above 18pt) WCAG AA ✓ Pass

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

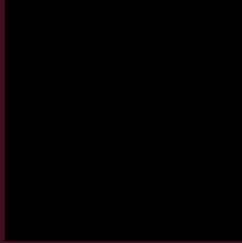
Any Text WCAG AA × Fail

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 3D0D20 Background



This preview shows how black text looks on a background with the Hex color 3D0D20.



This preview shows how white text looks on a background with the Hex color 3D0D20.

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
3D0D20

Protanopia
1E212B

Deuteranopia
26201E

Trichromacy



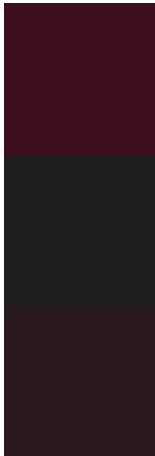
Original Color
3D0D20

Protanomaly
291A27

Deuteranomaly
2E191F

Tritanomaly
3C1017

Monochromacy



Original Color
3D0D20

Achromatopsia
1E1E1E

Achromatomaly
29181F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D0D20 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 #3D0D20 looks like.

```
.text, #text, p{  
    color:#3D0D20  
}
```

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 #3D0D20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D0D20  
}
```

Border

The CSS property to change the border of an element to Hex 3D0D20 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  
#3D0D20 }
```

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

```
.border{ border-color:#3D0D20 }
```

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

Here you see how a box with a 4 pixel #3D0D20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D0D20; -webkit-box-shadow:4px 4px  
4px 4px #3D0D20; box-shadow:4px 4px 4px  
4px #3D0D20 }
```

Background

The CSS property to change the background color of an element to Hex 3D0D20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D0D20 }
```

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

```
.background{ background-color:#3D0D20 }
```

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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