

Converting Colors

Hex(33020D)

Have a look what the booklet for
Hex(33020D) contains.

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Color

Hex(33020D)

Conversions

Conversions Part 1

Format	Color
Hex	33020D
RGB	51, 2, 13
RGB Percent	20%, 1%, 5%
CMY	0.8000, 0.9922, 0.9490
CMYK	0.00, 0.96, 0.75, 0.80
HSL	347°, 92%, 10%
HSV	347°, 96%, 20%
XYZ	1.4596, 0.7763, 0.4537
YIQ	17.9050, 25.6730, 13.8090

Conversions

Conversions Part 2

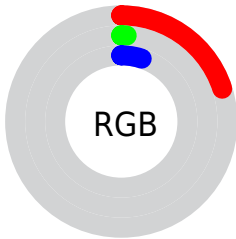
Format	Color
RYB	51, 2, 13
Decimal	3342861
CIELab	7.01, 25.09, 5.60
CIELCh	7, 25.707, 12.583
Yxy	0.7763, 0.5427, 0.2886
Android (android.graphics.Color)	4281532941 (0xFF33020D)
YUV	17.9050, -2.4182, 29.0243
Hunter-Lab	8.8107, 14.1519, 3.1145

Details

The Hex color **33020D** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **023328**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **652F38**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **33000B**, and if you desaturate by 10%, it is **330711**.

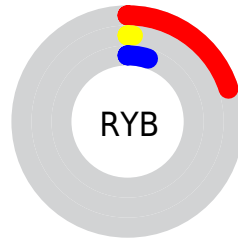
Distribution



Red (20%)

Green (1%)

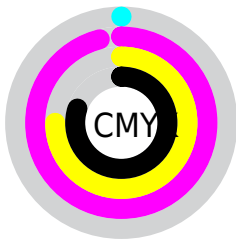
Blue (5%)



Red (20%)

Yellow (1%)

Blue (5%)

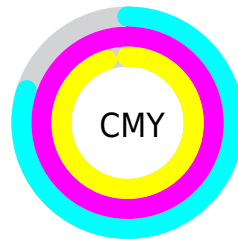


Cyan (0%)

Magenta (96%)

Yellow (75%)

Black (80%)



Cyan (80%)

Magenta (99%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33020D 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 33020D by changing the saturation by 10% instead.

 33020D

 33020D

 FFE5ED

 190001

 652F38

 000000

 7F474F

 9A5F67

 B67880

 D2929A

 EFADB5

 FFC9D0

 33020D

 33020D

■ 3300B

■ 330711

■ 330C15

■ 331119

■ 33161D

■ 331C21

■ 332125

■ 332629

■ 332B2D

■ 333031

Harmonies

Analogous

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



2E0420



33020D



2F0800

Triad

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



33020D



001C00



001B36

Complementary

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



33020D



023328

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.



001E2C



33020D



001F06

Square

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



33020D



151700



001F1C



001537

Rectangle

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



33020D



290E00



001F1C



001C34

Sweetspot

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



33020D



422F33



280233



211618



A1A1A1



212121

Same Dimension

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



33020D



42000F



330F02



1A1718



590014



D90031

Inverse Universe

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



33020D



42000F



022633



1A1718



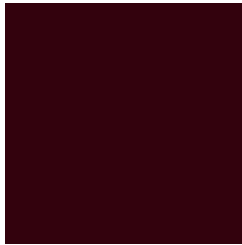
590014



D90031

Previews

White Background



This preview shows how the Hex color 33020D looks on a white background.

Color Contrast Check

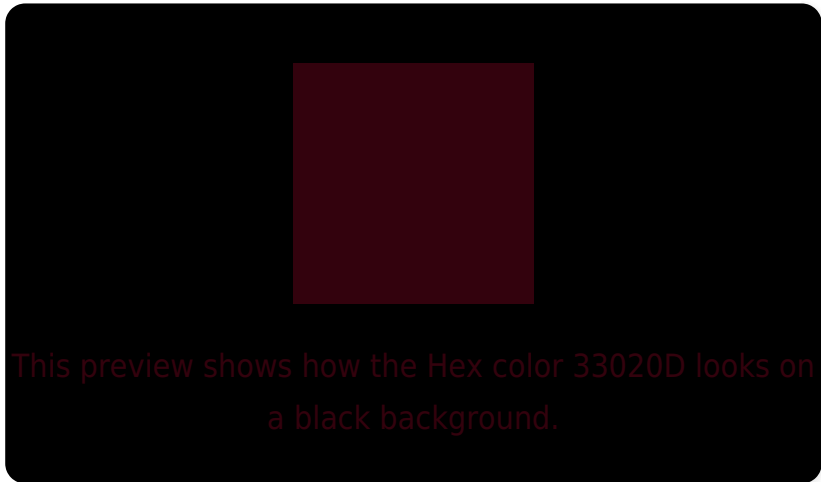
Large Text (above 18pt) WCAG AA ✓ Pass

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

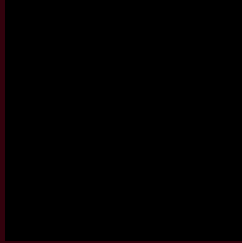
Any Text WCAG AA × Fail

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 33020D Background



This preview shows how black text looks on a background with the Hex color 33020D.



This preview shows how white text looks on a background with the Hex color 33020D.

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
33020D

Protanopia
1C1A14

Deuteranopia
20190A



Tritanopia
330604

Trichromacy



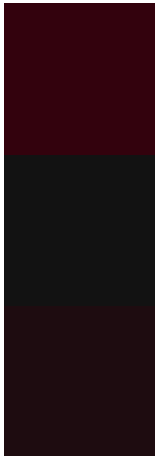
Original Color
33020D

Protanomaly
241111

Deuteranomaly
27110B

Tritanomaly
330507

Monochromacy



Original Color
33020D

Achromatopsia
121212

Achromatomaly
1E0C10

CSS Examples

Text

The CSS property to change the color of the text to Hex 33020D 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 #33020D looks like.

```
.text, #text, p{  
    color:#33020D  
}
```

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 #33020D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33020D
}
```

Border

The CSS property to change the border of an element to Hex 33020D is called "border". The border property can be set on classes, ids or directly on the HTML element.

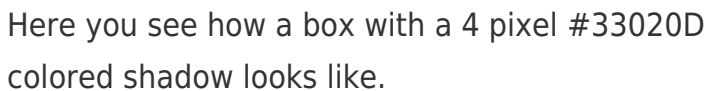
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#33020D }
```

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

```
.border{ border-color:#33020D }
```

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



Here you see how a box with a 4 pixel #33020D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33020D; -webkit-box-shadow:4px 4px  
4px 4px #33020D; box-shadow:4px 4px 4px  
4px #33020D }
```

Background

The CSS property to change the background color of an element to Hex 33020D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33020D }
```

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

```
.background{ background-color:#33020D }
```

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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