

Converting Colors

Hex(33070D)

Have a look what the booklet for
Hex(33070D) contains.

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Color

Hex(33070D)

Conversions

Conversions Part 1

Format	Color
Hex	33070D
RGB	51, 7, 13
RGB Percent	20%, 3%, 5%
CMY	0.8000, 0.9725, 0.9490
CMYK	0.00, 0.86, 0.75, 0.80
HSL	352°, 76%, 11%
HSV	352°, 86%, 20%
XYZ	1.5139, 0.8848, 0.4718
YIQ	20.8400, 24.2980, 11.1940

Conversions

Conversions Part 2

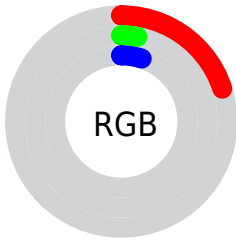
Format	Color
RYB	51, 7, 13
Decimal	3344141
CIELab	7.99, 22.39, 7.03
CIELCh	8, 23.464, 17.440
Yxy	0.8848, 0.5274, 0.3083
Android (android.graphics.Color)	4281534221 (0xFF33070D)
YUV	20.8400, -3.8651, 26.4503
Hunter-Lab	9.4065, 12.2661, 3.6110

Details

The Hex color **33070D** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **07332D**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **653438**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **330209**, and if you desaturate by 10%, it is **330C11**.

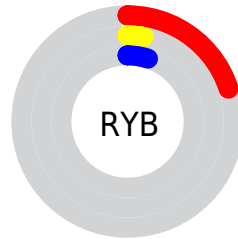
Distribution



Red (20%)

Green (3%)

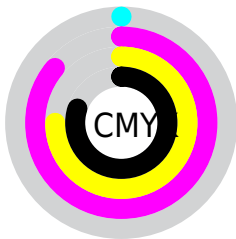
Blue (5%)



Red (20%)

Yellow (3%)

Blue (5%)

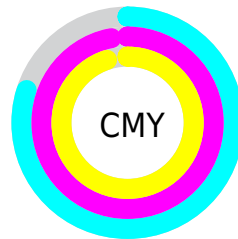


Cyan (0%)

Magenta (86%)

Yellow (75%)

Black (80%)



Cyan (80%)

Magenta (97%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33070D 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 33070D by changing the saturation by 10% instead.

 33070D

 33070D

 FFEAED

 1B0001

 653438

 000000

 7F4B4F

 996367

 B57D80

 D1979A

 EEB2B5

 FFCDD0

 33070D

 33070D

■ 330209

■ 330C11

■ 330007

■ 331116

■ 33161A

■ 331B1F

■ 332123

■ 332627

■ 332B2C

■ 333030

■ 333535

Harmonies

Analogous

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



30081F



33070D



2F0D00

Triad

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



33070D



001D00



001B36

Complementary

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



33070D



07332D

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.



001F2E



33070D



00200F

Square

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



33070D



161A00



002020



071635

Rectangle

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



33070D



281200



002020



001D34

Sweetspot

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



33070D



423133



2C0733



211718



A1A1A1



212121

Same Dimension

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



33070D



420009



331607



1A1717



59000C



D9001E

Inverse Universe

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



33070D



420009



072433



1A1717



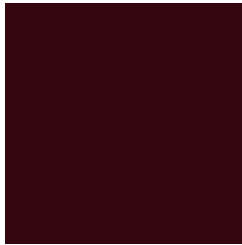
59000C



D9001E

Previews

White Background



This preview shows how the Hex color 33070D looks on a white background.

Color Contrast Check

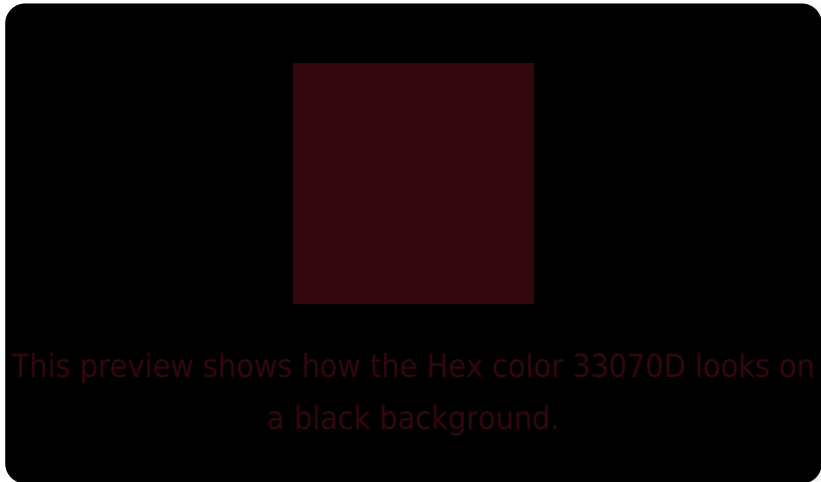
Large Text (above 18pt) WCAG AA ✓ Pass

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

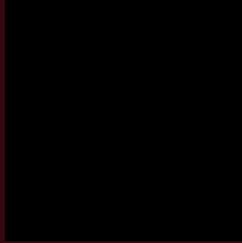
Any Text WCAG AA × Fail

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 33070D Background



This preview shows how black text looks on a background with the Hex color 33070D.



This preview shows how white text looks on a background with the Hex color 33070D.

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
33070D

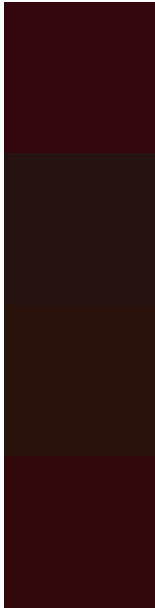
Protanopia
1C1A13

Deuteranopia
21190A



Tritanopia
330808

Trichromacy



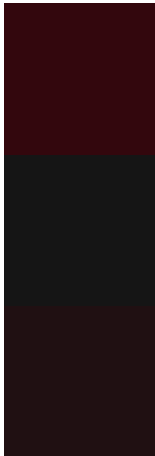
Original Color
33070D

Protanomaly
241311

Deuteranomaly
28120B

Tritanomaly
33080A

Monochromacy



Original Color
33070D

Achromatopsia
151515

Achromatomaly
201012

CSS Examples

Text

The CSS property to change the color of the text to Hex 33070D 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 #33070D looks like.

```
.text, #text, p{  
  color:#33070D  
}
```

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 #33070D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33070D
}
```

Border

The CSS property to change the border of an element to Hex 33070D 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
#33070D }
```

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

```
.border{ border-color:#33070D }
```

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

Here you see how a box with a 4 pixel #33070D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33070D; -webkit-box-shadow:4px 4px  
4px 4px #33070D; box-shadow:4px 4px 4px  
4px #33070D }
```

Background

The CSS property to change the background color of an element to Hex 33070D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33070D }
```

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

```
.background{ background-color:#33070D }
```

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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