

Converting Colors

Hex(2D0B10)

Have a look what the booklet for
Hex(2D0B10) contains.

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Color

Hex(2D0B10)

Conversions

Conversions Part 1

Format	Color
Hex	2D0B10
RGB	45, 11, 16
RGB Percent	18%, 4%, 6%
CMY	0.8235, 0.9569, 0.9373
CMYK	0.00, 0.76, 0.64, 0.82
HSL	351°, 61%, 11%
HSV	351°, 76%, 18%
XYZ	1.2954, 0.8346, 0.5830
YIQ	21.7360, 18.6590, 8.7630

Conversions

Conversions Part 2

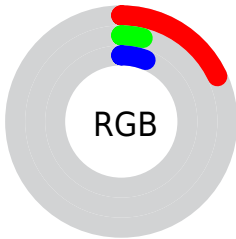
Format	Color
RYB	45, 11, 16
Decimal	2951952
CIELab	7.54, 17.97, 4.66
CIElCh	8, 18.565, 14.535
Yxy	0.8346, 0.4775, 0.3076
Android (android.graphics.Color)	4281142032 (0xFF2D0B10)
YUV	21.7360, -2.8278, 20.4025
Hunter-Lab	9.1359, 9.3219, 2.6113

Details

The Hex color **2D0B10** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0B2D28**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **5D363B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D060C**, and if you desaturate by 10%, it is **2D0F14**.

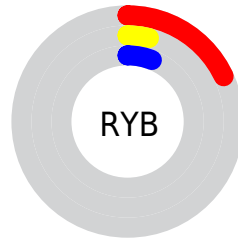
Distribution



Red (18%)

Green (4%)

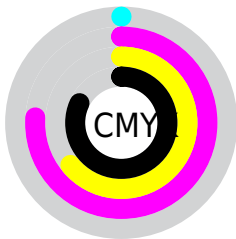
Blue (6%)



Red (18%)

Yellow (4%)

Blue (6%)

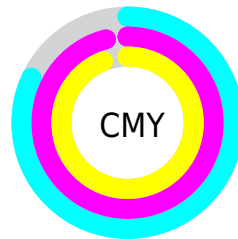


Cyan (0%)

Magenta (76%)

Yellow (64%)

Black (82%)



Cyan (82%)

Magenta (96%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D0B10 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 2D0B10 by changing the saturation by 10% instead.

 2D0B10

 2D0B10

 FFECF0

 120000

 5D363B

 000000

 764D52

 91666A

 AC7F83

 C7999D

 E4B4B8

 FFCFD3

 2D0B10

 2D0B10

■ 2D060C

■ 2D0F14

■ 2D0208

■ 2D1418

■ 2D0007

■ 2D181C

■ 2D1D1F

■ 2D2123

■ 2D2627

■ 2D2B2B

■ 2D2F2F

■ 2D3433

Harmonies

Analogous

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



290C1D



2D0B10



2B0E00

Triad

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



2D0B10



081B00



001A2E

Complementary

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



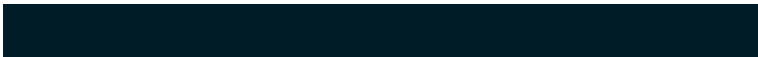
2D0B10



0B2D28

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.



001D27



2D0B10



001D0E

Square

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



2D0B10



181800



001E1C



0A162E

Rectangle

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



2D0B10



261200



001E1C



001B2D

Sweetspot

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



2D0B10



3B2D2F



280B2D



1F1617



9E9E9E



1F1F1F

Same Dimension

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



2D0B10



3B050D



2D170B



171515



57000D



D60020

Inverse Universe

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



2D0B10



3B050D



0B212D



171515



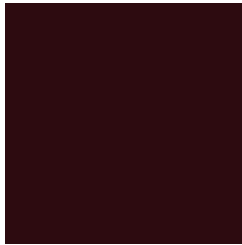
57000D



D6001F

Previews

White Background



This preview shows how the Hex color 2D0B10 looks on a white background.

Color Contrast Check

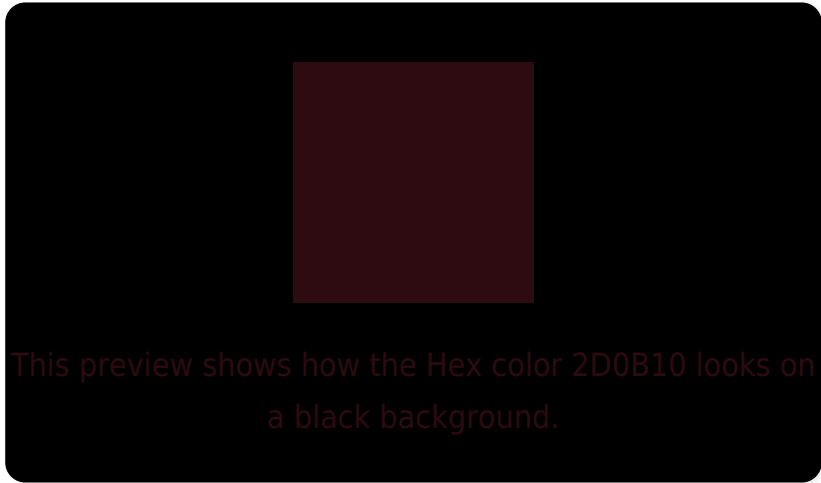
Large Text (above 18pt) WCAG AA ✓ Pass

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

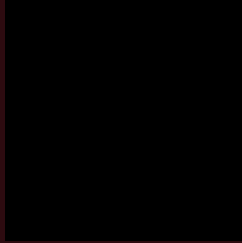
Any Text WCAG AA × Fail

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 2D0B10 Background



This preview shows how black text looks on a background with the Hex color 2D0B10.



This preview shows how white text looks on a background with the Hex color 2D0B10.

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

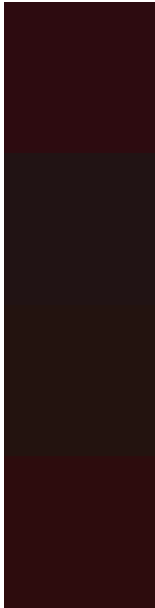


Original Color
2D0B10

Protanopia
1A1816

Deuteranopia
1E170E

Trichromacy



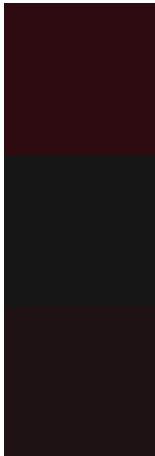
Original Color
2D0B10

Protanomaly
211314

Deuteranomaly
23130F

Tritanomaly
2D0C0D

Monochromacy



Original Color
2D0B10

Achromatopsia
161616

Achromatomaly
1E1214

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D0B10 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 #2D0B10 looks like.

```
.text, #text, p{  
    color:#2D0B10  
}
```

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 #2D0B10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D0B10
}
```

Border

The CSS property to change the border of an element to Hex 2D0B10 is called "border". The border property can be set on classes, ids or directly on the HTML element.

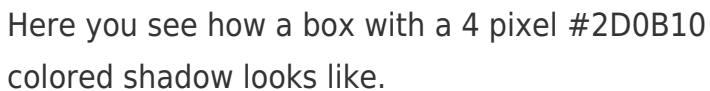
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D0B10 }
```

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

```
.border{ border-color:#2D0B10 }
```

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



Here you see how a box with a 4 pixel #2D0B10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D0B10; -webkit-box-shadow:4px 4px  
4px 4px #2D0B10; box-shadow:4px 4px 4px  
4px #2D0B10 }
```

Background

The CSS property to change the background color of an element to Hex 2D0B10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D0B10 }
```

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

```
.background{ background-color:#2D0B10 }
```

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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