

Converting Colors

Hex(232D10)

Have a look what the booklet for
Hex(232D10) contains.

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Color

Hex(232D10)

Conversions

Conversions Part 1

Format	Color
Hex	232D10
RGB	35, 45, 16
RGB Percent	14%, 18%, 6%
CMY	0.8627, 0.8235, 0.9373
CMYK	0.22, 0.00, 0.64, 0.82
HSL	81°, 48%, 12%
HSV	81°, 64%, 18%
XYZ	1.7250, 2.2715, 0.8377
YIQ	38.7040, 3.3490, -11.1390

Conversions

Conversions Part 2

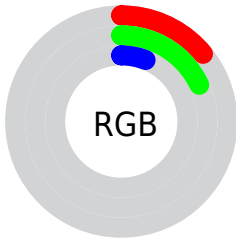
Format	Color
RYB	16, 45, 26
Decimal	2305296
CIELab	16.85, -10.21, 17.07
CIElCh	17, 19.890, 120.868
Yxy	2.2715, 0.3568, 0.4699
Android (android.graphics.Color)	4280495376 (0xFF232D10)
YUV	38.7040, -11.1931, -3.2484
Hunter-Lab	15.0715, -5.9445, 7.2545

Details

The Hex color **232D10** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1A102D**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **505B3B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **212D0C**, and if you desaturate by 10%, it is **252D15**.

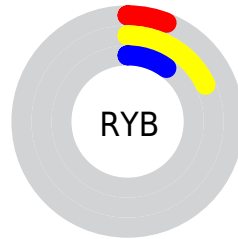
Distribution



Red (14%)

Green (18%)

Blue (6%)



Red (6%)

Yellow (18%)

Blue (10%)

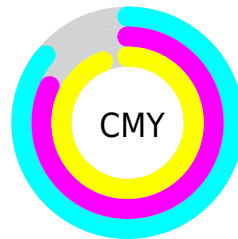


Cyan (22%)

Magenta (0%)

Yellow (64%)

Black (82%)



Cyan (86%)

Magenta (82%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 232D10 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 232D10 by changing the saturation by 10% instead.

■ 232D10

■ 232D10

■ FFFFF1

■ 0C1900

■ 505B3B

■ 000000

■ 697352

■ 828D6A

■ 9CA784

■ B7C29E

■ D3DEB9

■ EFFBD5

■ 232D10

■ 232D10

■ 212D0C

■ 252D15

■ 202D07

■ 262D19

■ 1E2D03

■ 282D1E

■ 1D2D00

■ 292D22

■ 2B2D27

■ 2C2D2B

■ 2E2D30

■ 2F2D34

■ 312D39

Harmonies

Analogous

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



32290B



232D10



10301B

Triad

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



232D10



002F42



431D2A

Complementary

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



232D10



1A102D

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.



3B2038



232D10



102B46

Square

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



232D10



003038



2B2642



431F1C

Rectangle

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



232D10



003025



2B2642



421E2F

Sweetspot

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



232D10



373B30



2D1A10



1C1F18



9E9E9E



1F1F1F

Same Dimension

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



232D10



2B3B0D



152D10



161715



395700



8CD600

Inverse Universe

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



1A102D



1D0D3B



28102D



151517



1E0057



4A00D6

Previews

White Background



This preview shows how the Hex color 232D10 looks on a white background.

Color Contrast Check

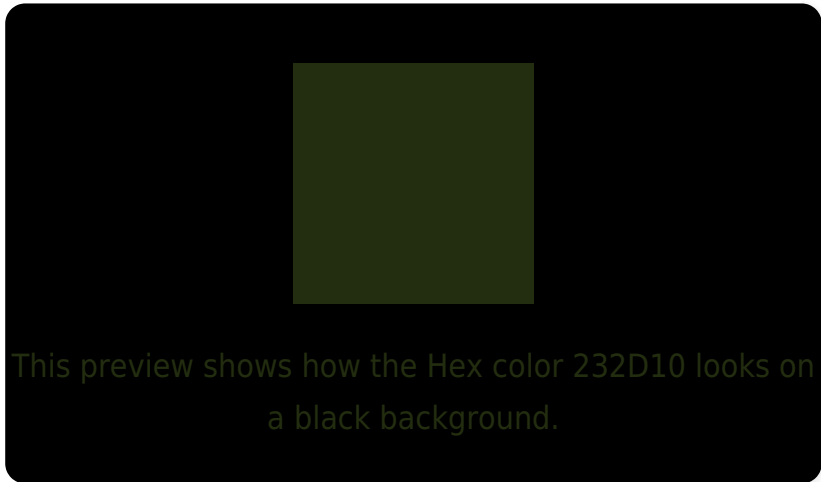
Large Text (above 18pt) WCAG AA ✓ Pass

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

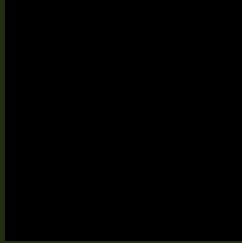
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

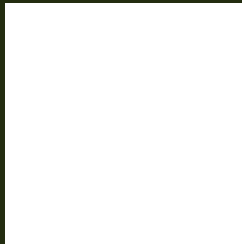
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 232D10 Background



This preview shows how black text looks on a background with the Hex color 232D10.



This preview shows how white text looks on a background with the Hex color 232D10.

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
232D10

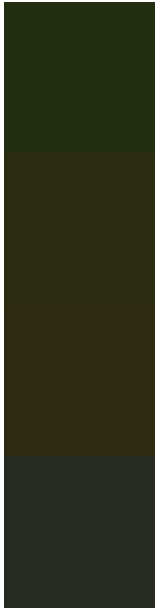
Protanopia
2E2A0F

Deuteranopia
342812



Tritanopia
272A2D

Trichromacy



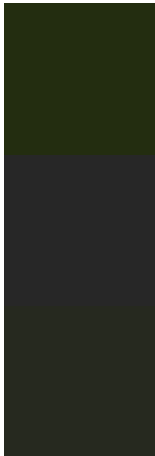
Original Color
232D10

Protanomaly
2A2B0F

Deuteranomaly
2E2A11

Tritanomaly
262B22

Monochromacy



Original Color
232D10

Achromatopsia
272727

Achromatomaly
26291F

CSS Examples

Text

The CSS property to change the color of the text to Hex 232D10 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 #232D10 looks like.

```
.text, #text, p{  
    color:#232D10  
}
```

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 #232D10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #232D10
}
```

Border

The CSS property to change the border of an element to Hex 232D10 is called "border". The border property can be set on classes, ids or directly on the HTML element.

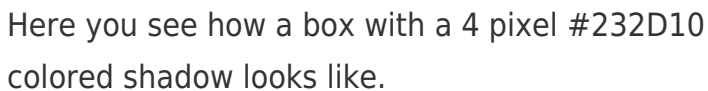
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#232D10 }
```

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

```
.border{ border-color:#232D10 }
```

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



Here you see how a box with a 4 pixel #232D10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #232D10; -webkit-box-shadow:4px 4px  
4px 4px #232D10; box-shadow:4px 4px 4px  
4px #232D10 }
```

Background

The CSS property to change the background color of an element to Hex 232D10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#232D10 }
```

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

```
.background{ background-color:#232D10 }
```

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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