

Converting Colors

Hex(2C3E08)

Have a look what the booklet for
Hex(2C3E08) contains.

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Color

Hex(2C3E08)

Conversions

Conversions Part 1

Format	Color
Hex	2C3E08
RGB	44, 62, 8
RGB Percent	17%, 24%, 3%
CMY	0.8275, 0.7569, 0.9686
CMYK	0.29, 0.00, 0.87, 0.76
HSL	80°, 77%, 14%
HSV	80°, 87%, 24%
XYZ	2.8052, 3.9983, 0.8536
YIQ	50.4620, 6.6060, -20.6100

Conversions

Conversions Part 2

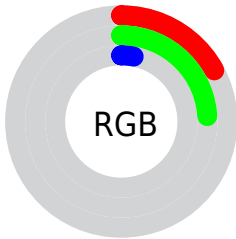
Format	Color
R_{YB}	8, 62, 26
Decimal	2899464
CIE _{Lab}	23.67, -16.46, 28.59
CIE _{LCh}	24, 32.990, 119.921
Yxy	3.9983, 0.3664, 0.5222
Android (android.graphics.Color)	4281089544 (0xFF2C3E08)
YUV	50.4620, -20.9338, -5.6672
Hunter-Lab	19.9956, -9.9508, 11.4658

Details

The Hex color **2C3E08** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1A083E**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **5C6E36**, and **001500** is the 20% darker color. If you saturate the color by 10%, you get **2A3E02**, and if you desaturate by 10%, it is **2E3E0E**.

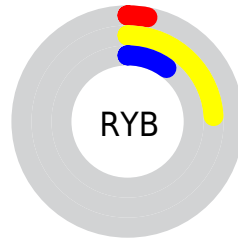
Distribution



Red (17%)

Green (24%)

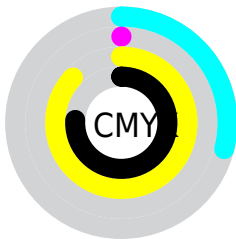
Blue (3%)



Red (3%)

Yellow (24%)

Blue (10%)

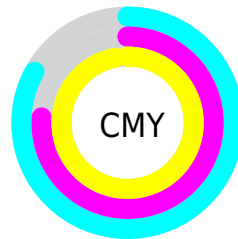


Cyan (29%)

Magenta (0%)

Yellow (87%)

Black (76%)



Cyan (83%)

Magenta (76%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C3E08 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 2C3E08 by changing the saturation by 10% instead.

 2C3E08

 2C3E08

 FFFFED

 172800

 5C6E36

 001500

 75874E

 000000

 8FA166

 AABC80

 C6D89A

 E2F4B5

 FFFFD1

 2C3E08

 2C3E08

■ 2A3E02

■ 2E3E0E

■ 293E00

■ 303E14

■ 323E1B

■ 343E21

■ 363E27

■ 383E2D

■ 3A3E33

■ 3D3E3A

■ 3F3E40

Harmonies

Analogous

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



453700



2C3E08



01421E

Triad

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



2C3E08



004163



632039

Complementary

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



2C3E08



1A083E

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.



562751



2C3E08



003B6A

Square

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



2C3E08



004450



383263



632421

Rectangle

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



2C3E08



00432F



383263



612142

Sweetspot

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



2C3E08



4B523C



3E1A08



25291C



A8A8A8



292929

Same Dimension

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



2C3E08



365200



113E08



1E1F1C



3F5E00



94DE00

Inverse Universe

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



1A083E



1B0052



35083E



1D1C1F



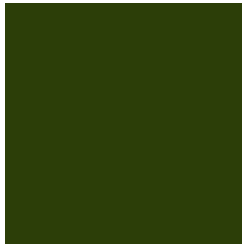
1F005E



4A00DE

Previews

White Background



This preview shows how the Hex color 2C3E08 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

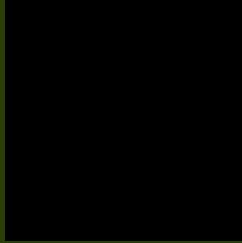
Any Text WCAG AA × Fail

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 2C3E08 Background



This preview shows how black text looks on a background with the Hex color 2C3E08.



This preview shows how white text looks on a background with the Hex color 2C3E08.

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
2C3E08

Protanopia
403906

Deuteranopia
47350E



Tritanopia
323A3E

Trichromacy



Original Color
2C3E08

Protanomaly
393B07

Deuteranomaly
3D380C

Tritanomaly
303B2A

Monochromacy



Original Color
2C3E08

Achromatopsia
323232

Achromatomaly
303623

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C3E08 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 #2C3E08 looks like.

```
.text, #text, p{  
    color:#2C3E08  
}
```

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 #2C3E08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C3E08
}
```

Border

The CSS property to change the border of an element to Hex 2C3E08 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
#2C3E08 }
```

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

```
.border{ border-color:#2C3E08 }
```

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

Here you see how a box with a 4 pixel #2C3E08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C3E08; -webkit-box-shadow:4px 4px  
4px 4px #2C3E08; box-shadow:4px 4px 4px  
4px #2C3E08 }
```

Background

The CSS property to change the background color of an element to Hex 2C3E08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C3E08 }
```

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

```
.background{ background-color:#2C3E08 }
```

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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