

Converting Colors

Hex(293B20)

Have a look what the booklet for
Hex(293B20) contains.

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Color

Hex(293B20)

Conversions

Conversions Part 1

Format	Color
Hex	293B20
RGB	41, 59, 32
RGB Percent	16%, 23%, 13%
CMY	0.8392, 0.7686, 0.8745
CMYK	0.31, 0.00, 0.46, 0.77
HSL	100°, 30%, 18%
HSV	100°, 46%, 23%
XYZ	2.7391, 3.7036, 1.9370
YIQ	50.5400, -2.0610, -12.2130

Conversions

Conversions Part 2

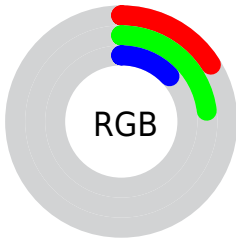
Format	Color
R_{YB}	32, 59, 50
Decimal	2702112
CIE _{Lab}	22.67, -13.37, 14.46
CIE _{LCh}	23, 19.692, 132.766
Yxy	3.7036, 0.3269, 0.4420
Android (android.graphics.Color)	4280892192 (0xFF293B20)
YUV	50.5400, -9.1402, -8.3666
Hunter-Lab	19.2448, -8.2724, 7.5038

Details

The Hex color **293B20** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **32203B**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **576A4C**, and **001100** is the 20% darker color. If you saturate the color by 10%, you get **253B1A**, and if you desaturate by 10%, it is **2D3B26**.

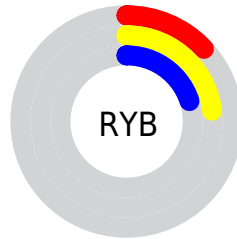
Distribution



Red (16%)

Green (23%)

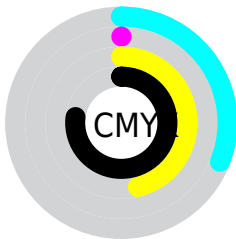
Blue (13%)



Red (13%)

Yellow (23%)

Blue (20%)

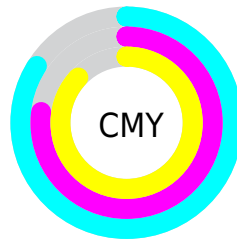


Cyan (31%)

Magenta (0%)

Yellow (46%)

Black (77%)



Cyan (84%)

Magenta (77%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 293B20 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 293B20 by changing the saturation by 10% instead.

■ 293B20

■ 293B20

FFFFFF

■ 14250A

■ 576A4C

■ 001100

■ 708464

■ 000000

■ 899E7E

■ A4B997

■ BFD4B2

■ DBF1CE

■ F7FFEA

■ 293B20

■ 293B20

■ 253B1A

■ 2D3B26

■ 213B14

■ 313B2C

■ 1D3B0E

■ 353B32

■ 193B08

■ 393B38

■ 153B02

■ 3D3B3D

■ 143B00

■ 413B43

■ 453B49

■ 483B4F

■ 4C3B55

Harmonies

Analogous

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



393719



293B20



153D2D

Triad

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



293B20



0B3A52



522A30

Complementary

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



293B20



32203B

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.



4D2B3F



293B20



2A3553

Square

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



293B20



003D4A



40304C



502D23

Rectangle

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



293B20



013E37



40304C



512A35

Sweetspot

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



293B20



454D42



3B3220



222620



A6A6A6



262626

Same Dimension

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



293B20



304D22



203B24



1D1F1C



1F5E00



4ADE00

Inverse Universe

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



32203B



3E224D



3B2036



1E1C1F



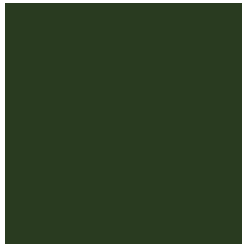
3F005E



9400DE

Previews

White Background



This preview shows how the Hex color 293B20 looks on a white background.

Color Contrast Check

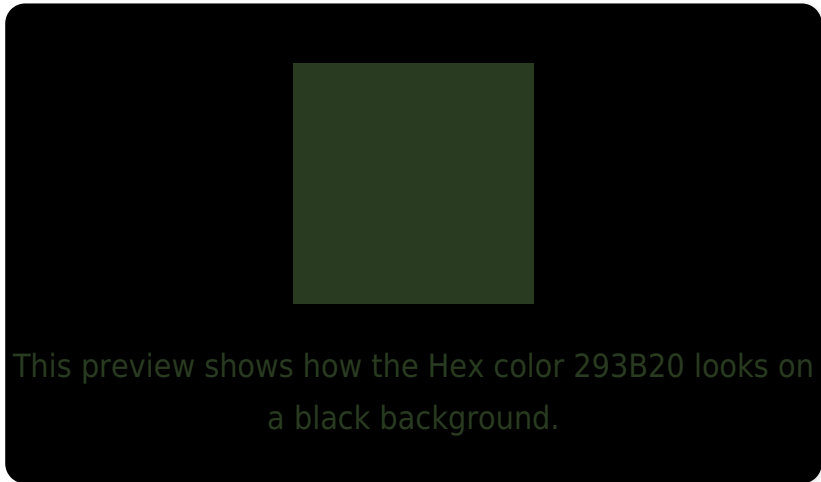
Large Text (above 18pt) WCAG AA ✓ Pass

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

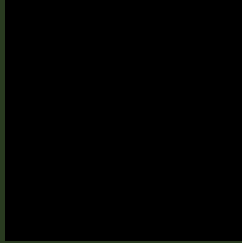
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

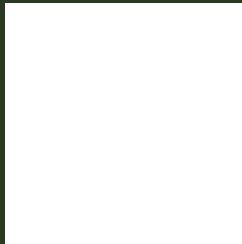
Any Text WCAG AAA × Fail

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

Hex 293B20 Background



This preview shows how black text looks on a background with the Hex color 293B20.



This preview shows how white text looks on a background with the Hex color 293B20.

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](#).

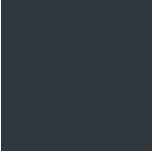
Dichromacy



Original Color
293B20

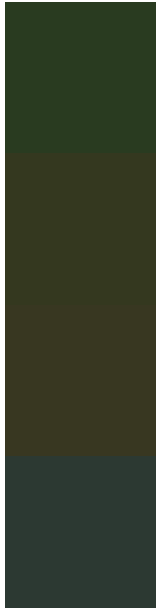
Protanopia
3B361E

Deuteranopia
413422



Tritanopia
2E383C

Trichromacy



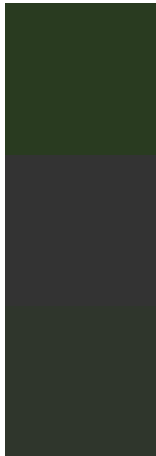
Original Color
293B20

Protanomaly
34381F

Deuteranomaly
383721

Tritanomaly
2C3932

Monochromacy



Original Color
293B20

Achromatopsia
333333

Achromatomaly
2F362C

CSS Examples

Text

The CSS property to change the color of the text to Hex 293B20 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 #293B20 looks like.

```
.text, #text, p{  
    color:#293B20  
}
```

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 #293B20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #293B20
}
```

Border

The CSS property to change the border of an element to Hex 293B20 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".

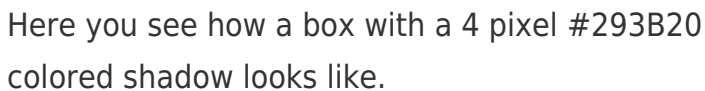
```
.border, #border, table{ border:4px solid
#293B20 }
```

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

```
.border{ border-color:#293B20 }
```

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

Here you see how a box with a 4 pixel #293B20 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #293B20; -webkit-box-shadow:4px 4px  
4px 4px #293B20; box-shadow:4px 4px 4px  
4px #293B20 }
```

Background

The CSS property to change the background color of an element to Hex 293B20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#293B20 }
```

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

```
.background{ background-color:#293B20 }
```

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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