

Converting Colors

Hex(293A10)

Have a look what the booklet for
Hex(293A10) contains.

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Color

Hex(293A10)

Conversions

Conversions Part 1

Format	Color
Hex	293A10
RGB	41, 58, 16
RGB Percent	16%, 23%, 6%
CMY	0.8392, 0.7725, 0.9373
CMYK	0.29, 0.00, 0.72, 0.77
HSL	84°, 57%, 15%
HSV	84°, 72%, 23%
XYZ	2.5210, 3.5349, 1.0397
YIQ	48.1290, 3.3500, -16.6660

Conversions

Conversions Part 2

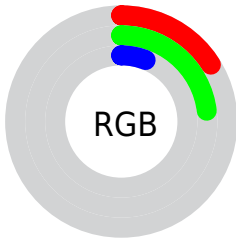
Format	Color
RYB	16, 58, 33
Decimal	2701840
CIELab	22.07, -14.98, 23.21
CIElCh	22, 27.624, 122.845
Yxy	3.5349, 0.3553, 0.4982
Android (android.graphics.Color)	4280891920 (0xFF293A10)
YUV	48.1290, -15.8396, -6.2521
Hunter-Lab	18.8014, -8.9679, 9.8825

Details

The Hex color **293A10** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **21103A**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **58693C**, and **000E00** is the 20% darker color. If you saturate the color by 10%, you get **273A0A**, and if you desaturate by 10%, it is **2B3A16**.

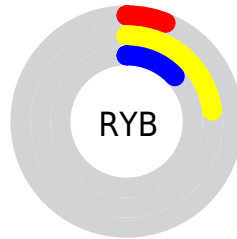
Distribution



Red (16%)

Green (23%)

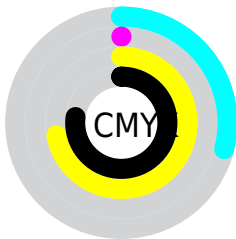
Blue (6%)



Red (6%)

Yellow (23%)

Blue (13%)

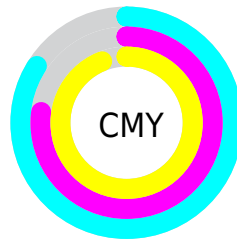


Cyan (29%)

Magenta (0%)

Yellow (72%)

Black (77%)



Cyan (84%)

Magenta (77%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 293A10 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 293A10 by changing the saturation by 10% instead.

 293A10


 293A10

 FFFFF4

 152400

 58693C

 000E00

 718254

 000000

 8B9C6C

 A5B786

 C1D3A0

 DDEFBB

 F9FFD7

 293A10

 293A10

■ 273A0A

■ 2B3A16

■ 243A04

■ 2E3A1C

■ 233A00

■ 303A21

■ 323A27

■ 353A2D

■ 373A33

■ 393A39

■ 3C3A3E

■ 3E3A44

Harmonies

Analogous

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



3E3408



293A10



083D21

Triad

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



293A10



003C59



5A2234

Complementary

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



293A10



21103A

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.



4F2648



293A10



08365E

Square

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



293A10



003E4A



382F57



592520

Rectangle

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



293A10



003E2F



382F57



57233B

Sweetspot

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



293A10



464D3C



3A2110



22261C



A6A6A6



262626

Same Dimension

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



293A10



324D0A



143A10



1B1C19



375C00



83DB00

Inverse Universe

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



21103A



250A4D



36103A



1A191C



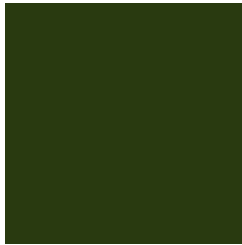
25005C



5900DB

Previews

White Background



This preview shows how the Hex color 293A10 looks on a white background.

Color Contrast Check

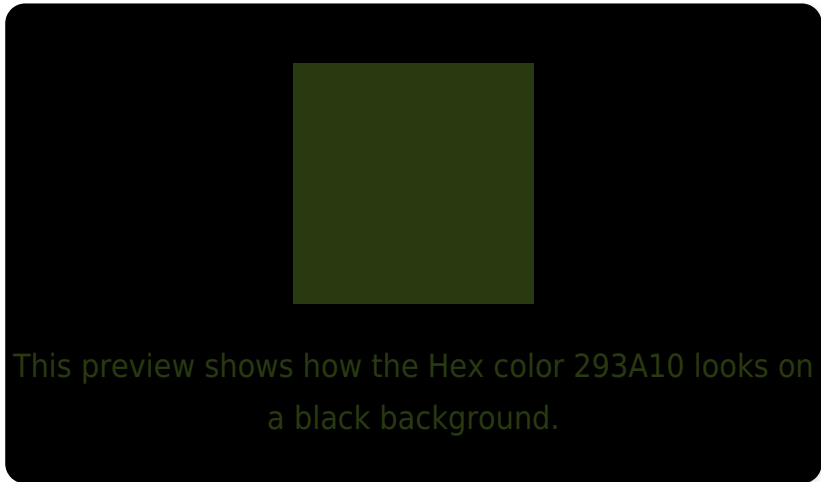
Large Text (above 18pt) WCAG AA ✓ Pass

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

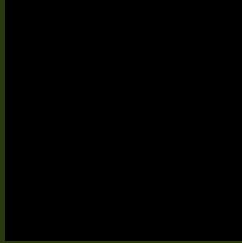
Any Text WCAG AA × Fail

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 293A10 Background



This preview shows how black text looks on a background with the Hex color 293A10.



This preview shows how white text looks on a background with the Hex color 293A10.

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](#).

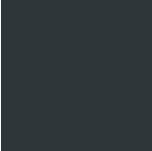
Dichromacy



Original Color
293A10

Protanopia
3B350F

Deuteranopia
423213



Tritanopia
2E363A

Trichromacy



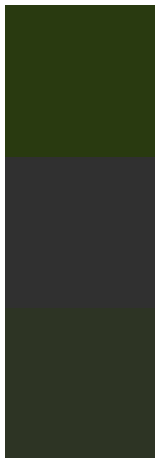
Original Color
293A10

Protanomaly
34370F

Deuteranomaly
393512

Tritanomaly
2C372B

Monochromacy



Original Color
293A10

Achromatopsia
303030

Achromatomaly
2D3424

CSS Examples

Text

The CSS property to change the color of the text to Hex 293A10 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 #293A10 looks like.

```
.text, #text, p{  
    color:#293A10  
}
```

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 #293A10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #293A10
}
```

Border

The CSS property to change the border of an element to Hex 293A10 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
#293A10 }
```

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

```
.border{ border-color:#293A10 }
```

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

Here you see how a box with a 4 pixel #293A10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #293A10; -webkit-box-shadow:4px 4px  
4px 4px #293A10; box-shadow:4px 4px 4px  
4px #293A10 }
```

Background

The CSS property to change the background color of an element to Hex 293A10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#293A10 }
```

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

```
.background{ background-color:#293A10 }
```

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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