

# Converting Colors

Hex(293925)

Have a look what the booklet for  
Hex(293925) contains.

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# Color

Hex(293925)

# Conversions

## Conversions Part 1

Format	Color
Hex	293925
RGB	41, 57, 37
RGB Percent	16%, 22%, 15%
CMY	0.8392, 0.7765, 0.8549
CMYK	0.28, 0.00, 0.35, 0.78
HSL	108°, 21%, 18%
HSV	108°, 35%, 22%
XYZ	2.7115, 3.5312, 2.2890
YIQ	49.9360, -3.1160, -9.6120

# Conversions

## Conversions Part 2

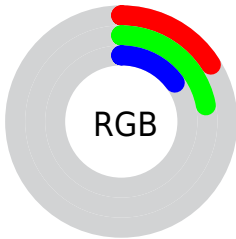
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 57, 53
Decimal	2701605
CIE Lab	22.06, -11.26, 10.42
CIE LCh	22, 15.340, 137.227
Yxy	3.5312, 0.3178, 0.4139
Android (android.graphics.Color)	4280891685 (0xFF293925)
YUV	49.9360, -6.3774, -7.8369
Hunter-Lab	18.7916, -7.1289, 5.9322

# Details

The Hex color **293925** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **352539**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **576852**, and **000E00** is the 20% darker color. If you saturate the color by 10%, you get **24391F**, and if you desaturate by 10%, it is **2E392B**.

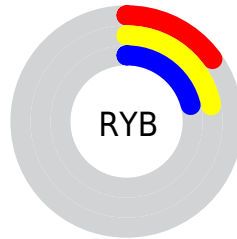
# Distribution



Red (16%)

Green (22%)

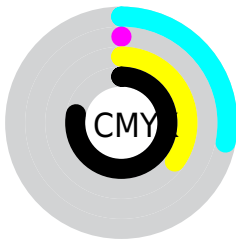
Blue (15%)



Red (15%)

Yellow (22%)

Blue (21%)

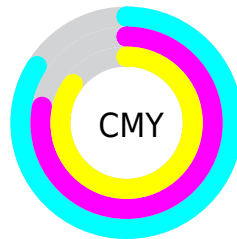


Cyan (28%)

Magenta (0%)

Yellow (35%)

Black (78%)



Cyan (84%)

Magenta (78%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 293925 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 293925 by changing the saturation by 10% instead.



■ 293925

■ 293925

FFFFFF

■ 142310

■ 576852

■ 000E00

■ 6F816A

■ 000000

■ 899B83

■ A3B69D

■ BED2B8

■ DAEED4

■ F7FFF0

■ 293925

■ 293925

■ 24391F

■ 2E392B

■ 20391A

■ 323930

■ 1B3914

■ 373936

■ 17390E

■ 3B393C

■ 123909

■ 403942

■ 0E3903

■ 443947

■ 0B3900

■ 49394D

■ 4D3953

■ 523958

# Harmonies

## Analogous

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



36361F



293925



1B3B2F

# Triad

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



293925



1D374B



4B2C2F

# Complementary

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



293925



352539

# 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.



482D3A



293925



2F344A

# Square

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



293925



0E3A45



3E3044



482F25

# Rectangle

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



293925



123B37



3E3044



4B2C32



# Sweetspot

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



293925



434A42



393525



222621



A6A6A6



262626



# Same Dimension

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



293925



314A2B



25392B



1A1C19



125C00



2CDB00



# Inverse Universe

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



352539



442B4A



392533



1B191C



49005C

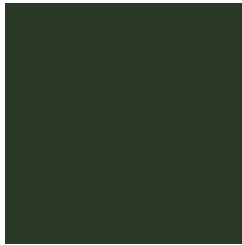


AF00DB



# Previews

## White Background



This preview shows how the Hex color 293925 looks on a white background.

## Color Contrast Check

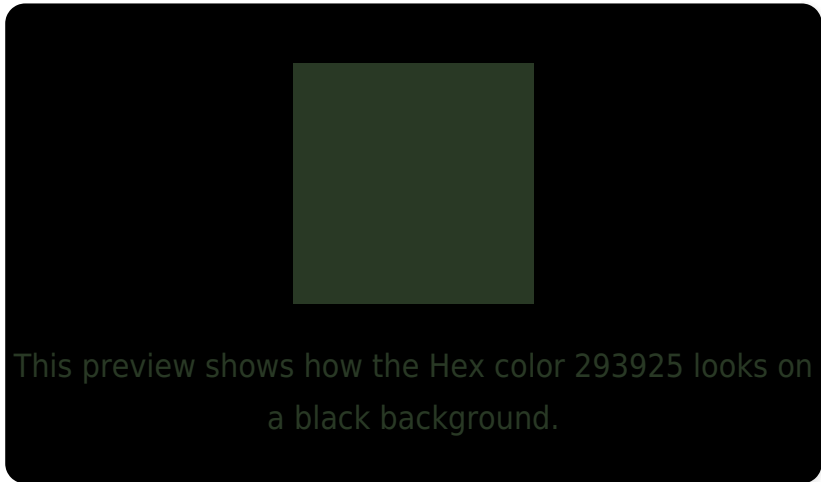
Large Text (above 18pt) WCAG AA ✓ Pass

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

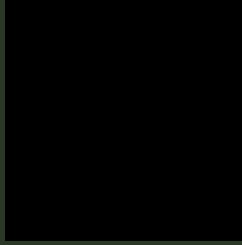
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 293925 Background



This preview shows how black text looks on a background with the Hex color 293925.

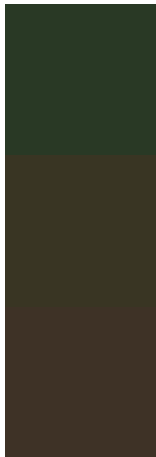


This preview shows how white text looks on a background with the Hex color 293925.

# 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](#).

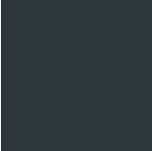
## Dichromacy



**Original Color**  
293925

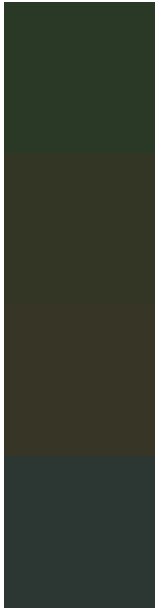
**Protanopia**  
393523

**Deuteranopia**  
3E3226



**Tritanopia**  
2D363B

# Trichromacy



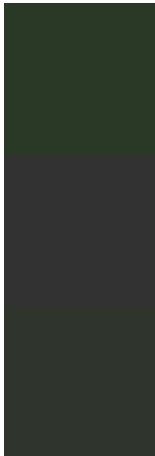
**Original Color**  
293925

**Protanomaly**  
333624

**Deuteranomaly**  
363526

**Tritanomaly**  
2C3733

# Monochromacy



**Original Color**  
293925

**Achromatopsia**  
323232

**Achromatomaly**  
2F352D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 293925 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 #293925 looks like.

```
.text, #text, p{  
    color:#293925  
}
```

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 #293925 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #293925
}
```

## Border

The CSS property to change the border of an element to Hex 293925 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".

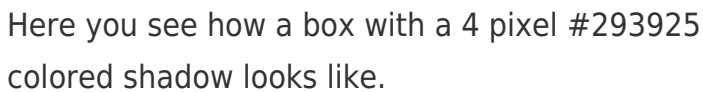
```
.border, #border, table{ border:4px solid
#293925 }
```

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

```
.border{ border-color:#293925 }
```

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

Here you see how a box with a 4 pixel #293925 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #293925; -webkit-box-shadow:4px 4px  
4px 4px #293925; box-shadow:4px 4px 4px  
4px #293925 }
```

# Background

The CSS property to change the background color of an element to Hex 293925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#293925 }
```

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

```
.background{ background-color:#293925 }
```

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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