

# Converting Colors

Hex(08290D)

Have a look what the booklet for  
Hex(08290D) contains.

<b>Hex(08290D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(08290D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	08290D
RGB	8, 41, 13
RGB Percent	3%, 16%, 5%
CMY	0.9686, 0.8392, 0.9490
CMYK	0.80, 0.00, 0.68, 0.84
HSL	129°, 67%, 10%
HSV	129°, 80%, 16%
XYZ	0.9657, 1.6666, 0.6515
YIQ	27.9410, -10.6800, -15.7040

# Conversions

## Conversions Part 2

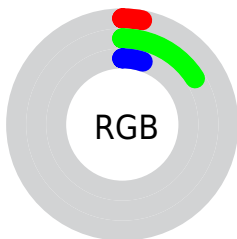
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	8, 37, 41
Decimal	534797
CIE <sub>Lab</sub>	13.63, -19.42, 14.18
CIE <sub>LCh</sub>	14, 24.047, 143.864
Yxy	1.6666, 0.2941, 0.5075
Android (android.graphics.Color)	4278724877 (0xFF08290D)
YUV	27.9410, -7.3659, -17.4883
Hunter-Lab	12.9095, -9.2386, 6.0443

# Details

The Hex color **08290D** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **290824**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **355738**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **04290A**, and if you desaturate by 10%, it is **0C2910**.

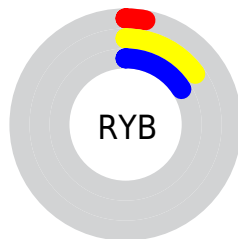
# Distribution



Red (3%)

Green (16%)

Blue (5%)



Red (3%)

Yellow (15%)

Blue (16%)

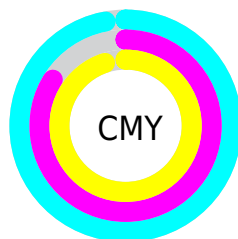


Cyan (80%)

Magenta (0%)

Yellow (68%)

Black (84%)



Cyan (97%)

Magenta (84%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 08290D 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 08290D by changing the saturation by 10% instead.



 08290D

 08290D

 EDFFED

 001500

 355738

 000000

 4D6F4F

 668967

 7FA380

 99BE9A

 B4DAB5

 D0F7D1

 08290D

 08290D

■ 04290A

■ 0C2910

■ 002906

■ 102914

■ 142917

■ 18291B

■ 1C291E

■ 212922

■ 252925

■ 292929

■ 2D292C

# Harmonies

## Analogous

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



202600



08290D



002B1F

# Triad

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



08290D



002644



411416

# Complementary

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



08290D



290824

# 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.



3F1327



08290D



1C2042

# Square

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



08290D



00293E



341837



3B1A03

# Rectangle

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



08290D



002B2A



341837



41131C



# Sweetspot

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



08290D



29362B



242908



141C15



9C9C9C



1C1C1C



# Same Dimension

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



08290D



023609



08291D



121413



00540D



00D420



# Inverse Universe

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



290824



36022E



290814



141214



540047

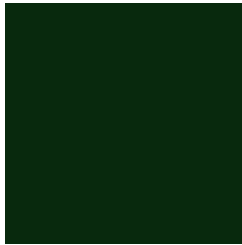


D400B4



# Previews

## White Background



This preview shows how the Hex color 08290D looks on a white background.

## Color Contrast Check

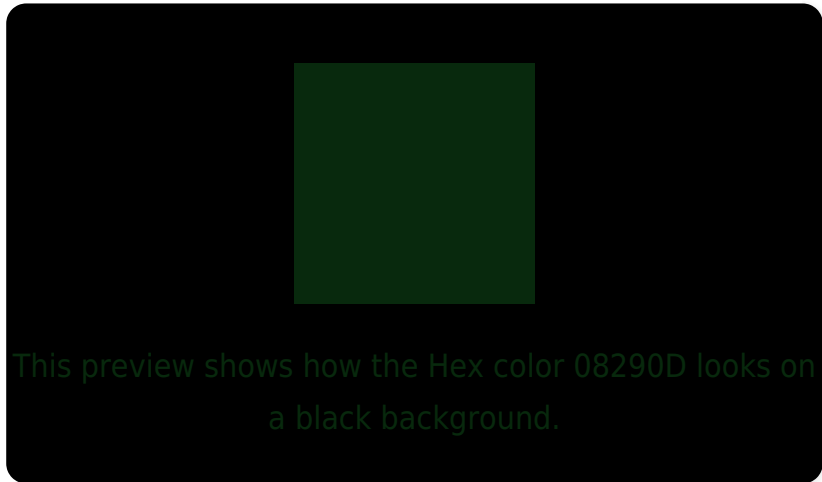
Large Text (above 18pt) WCAG AA ✓ Pass

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

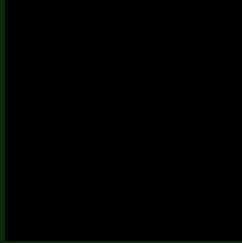
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 08290D Background



This preview shows how black text looks on a background with the Hex color 08290D.



This preview shows how white text looks on a background with the Hex color 08290D.

# 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**  
08290D

**Protanopia**  
27230B

**Deuteranopia**  
2C2210



**Tritanopia**  
122629

# Trichromacy



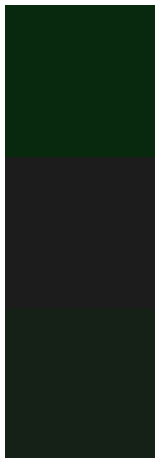
**Original Color**  
08290D

**Protanomaly**  
1C250C

**Deuteranomaly**  
1F250F

**Tritanomaly**  
0E271F

# Monochromacy



**Original Color**  
08290D

**Achromatopsia**  
1C1C1C

**Achromatomaly**  
152117

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 08290D 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 #08290D looks like.

```
.text, #text, p{  
    color:#08290D  
}
```

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 #08290D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08290D
}
```

## Border

The CSS property to change the border of an element to Hex 08290D 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".

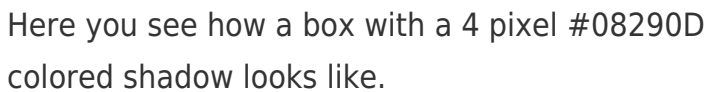
```
.border, #border, table{ border:4px solid
#08290D }
```

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

```
.border{ border-color:#08290D }
```

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

Here you see how a box with a 4 pixel #08290D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08290D; -webkit-box-shadow:4px 4px  
4px 4px #08290D; box-shadow:4px 4px 4px  
4px #08290D }
```

# Background

The CSS property to change the background color of an element to Hex 08290D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08290D }
```

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

```
.background{ background-color:#08290D }
```

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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