

# Converting Colors

Hex(260D13)

Have a look what the booklet for  
Hex(260D13) contains.

<b>Hex(260D13)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(260D13)**

# Conversions

## Conversions Part 1

Format	Color
Hex	260D13
RGB	38, 13, 19
RGB Percent	15%, 5%, 7%
CMY	0.8510, 0.9490, 0.9255
CMYK	0.00, 0.66, 0.50, 0.85
HSL	346°, 49%, 10%
HSV	346°, 66%, 15%
XYZ	1.0608, 0.7469, 0.7044
YIQ	21.1590, 12.9740, 7.1660

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 13, 19
Decimal	2493715
CIELab	6.75, 13.69, 1.56
CIELCh	7, 13.779, 6.492
Yxy	0.7469, 0.4223, 0.2973
Android (android.graphics.Color)	4280683795 (0xFF260D13)
YUV	21.1590, -1.0644, 14.7696
Hunter-Lab	8.6425, 6.7849, 1.2177

# Details

The Hex color **260D13** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0D2620**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **54373D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **260910**, and if you desaturate by 10%, it is **261116**.

# Distribution



Red (15%)

Green (5%)

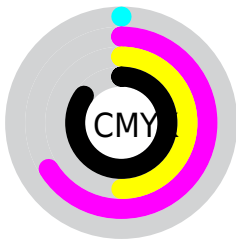
Blue (7%)



Red (15%)

Yellow (5%)

Blue (7%)



Cyan (0%)

Magenta (66%)

Yellow (50%)

Black (85%)



Cyan (85%)

Magenta (95%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 260D13 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 260D13 by changing the saturation by 10% instead.



 260D13

 260D13

 FFEDF3

 000000

 54373D

 6D4F54

 86676D

 A18086

 BC9AA0

 D8B5BB

 F5D0D7

 260D13

 260D13

■ 260910

■ 261116

■ 26050D

■ 261519

■ 26020A

■ 26181C

■ 260009

■ 261C1F

■ 262021

■ 262424

■ 262827

■ 262B2A

■ 262F2D

# Harmonies

## Analogous

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



220E1C



260D13



260E05

# Triad

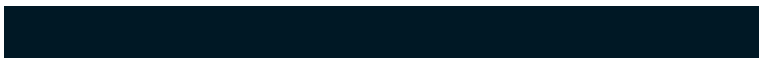
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



260D13



0F1800



001825

# Complementary

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



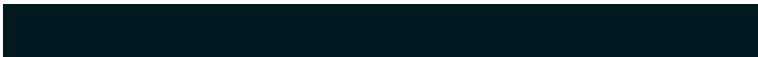
260D13



0D2620

# 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.



001A1F



260D13



001A0B

# Square

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



260D13



1A1500



001B17



091527

# Rectangle

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



260D13



241000



001B17



001924



# Sweetspot

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



260D13



302729



200D26



1A1315



999999



1A1A1A



# Same Dimension

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



260D13



300A13



26130D



121010



520014



D10032



# Inverse Universe

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



260D13



300A13



0D2026



121010



520014

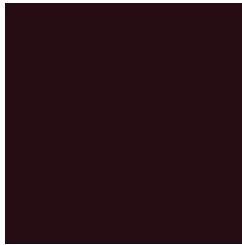


D10032



# Previews

## White Background



This preview shows how the Hex color 260D13 looks on a white background.

## Color Contrast Check

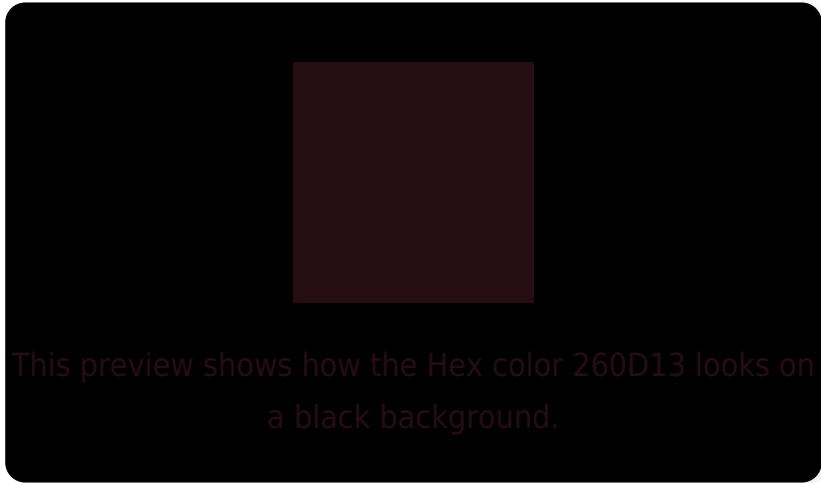
Large Text (above 18pt) WCAG AA ✓ Pass

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

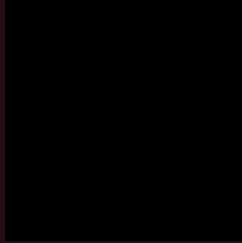
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 260D13 Background



This preview shows how black text looks on a background with the Hex color 260D13.

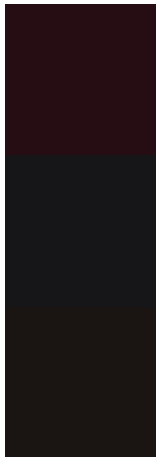


This preview shows how white text looks on a background with the Hex color 260D13.

# 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](#).

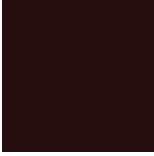
## Dichromacy



**Original Color**  
260D13

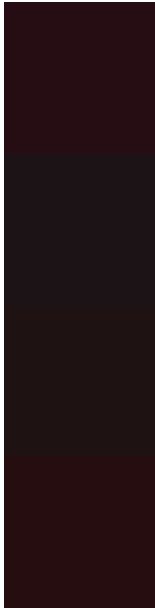
**Protanopia**  
161618

**Deuteranopia**  
1A1512



**Tritanopia**  
260E0F

# Trichromacy



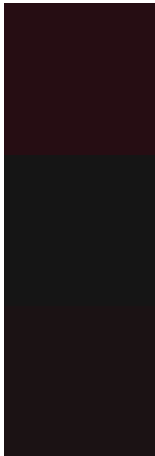
**Original Color**  
260D13

**Protanomaly**  
1C1316

**Deuteranomaly**  
1E1212

**Tritanomaly**  
260E10

# Monochromacy



**Original Color**  
260D13

**Achromatopsia**  
151515

**Achromatomaly**  
1B1214

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 260D13 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 #260D13 looks like.

```
.text, #text, p{  
    color:#260D13  
}
```

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 #260D13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #260D13
}
```

## Border

The CSS property to change the border of an element to Hex 260D13 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".

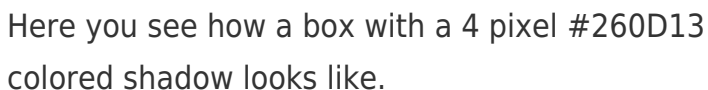
```
.border, #border, table{ border:4px solid
#260D13 }
```

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

```
.border{ border-color:#260D13 }
```

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

Here you see how a box with a 4 pixel #260D13 colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #260D13; -webkit-box-shadow:4px 4px  
4px 4px #260D13; box-shadow:4px 4px 4px  
4px #260D13 }
```

# Background

The CSS property to change the background color of an element to Hex 260D13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#260D13 }
```

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

```
.background{ background-color:#260D13 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor