

Converting Colors

Hex(10840D)

Have a look what the booklet for
Hex(10840D) contains.

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Color

Hex(10840D)

Conversions

Conversions Part 1

Format	Color
Hex	10840D
RGB	16, 132, 13
RGB Percent	6%, 52%, 5%
CMY	0.9373, 0.4824, 0.9490
CMYK	0.88, 0.00, 0.90, 0.48
HSL	118°, 82%, 28%
HSV	118°, 90%, 52%
XYZ	8.5376, 16.6417, 3.1430
YIQ	83.7500, -30.9370, -61.6010

Conversions

Conversions Part 2

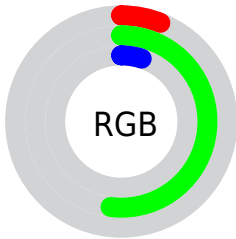
Format	Color
<code>RYB</code>	<code>13, 132, 129</code>
Decimal	<code>1082381</code>
CIELab	<code>47.81, -51.10, 48.66</code>
CIELCh	<code>48, 70.560, 136.401</code>
Yxy	<code>16.6417, 0.3014, 0.5876</code>
Android (<code>android.graphics.Color</code>)	<code>4279272461 (0xFF10840D)</code>
YUV	<code>83.7500, -34.8798, -59.4168</code>
Hunter-Lab	<code>40.7943, -34.0328, 23.9880</code>

Details

The Hex color **10840D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **810D84**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **57BA47**, and **005100** is the 20% darker color. If you saturate the color by 10%, you get **038400**, and if you desaturate by 10%, it is **1D841A**.

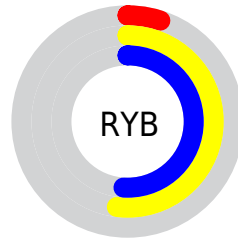
Distribution



Red (6%)

Green (52%)

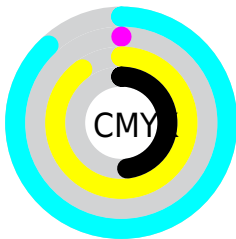
Blue (5%)



Red (5%)

Yellow (52%)

Blue (51%)

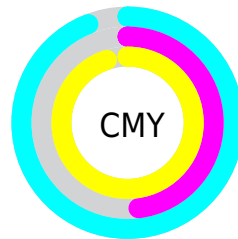


Cyan (88%)

Magenta (0%)

Yellow (90%)

Black (48%)



Cyan (94%)

Magenta (48%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10840D 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 10840D by changing the saturation by 10% instead.

 10840D

 10840D

FFFFFF

 006A00

 57BA47

 005100

 74D661

 003900

 91F37B

 002200

 AEFF96

 000000

 CBFFB2

 E8FFCE

 FFFFEB

 10840D

 10840D

■ 038400

■ 1D841A

■ 2A8427

■ 378435

■ 438442

■ 50844F

■ 5D845C

■ 6A8469

■ 778477

■ 848484

Harmonies

Analogous

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



6B7900



10840D



008953

Triad

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



10840D



0080E6



D82654

Complementary

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



10840D



810D84

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.



CC2C8F



10840D



006EE5

Square

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



10840D



0089C7



9B4FC5



C64719

Rectangle

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



10840D



008B7D



9B4FC5



D82167

Sweetspot

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



10840D



7EAB7D



84800D



3C573B



D6D6D6



575757

Same Dimension

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



10840D



04AB00



0D8445



3C423C



038200



000300

Inverse Universe

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



810D84



A700AB



840D4C



423C42



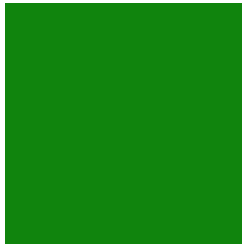
7F0082



020003

Previews

White Background



This preview shows how the Hex color 10840D looks on a white background.

Color Contrast Check

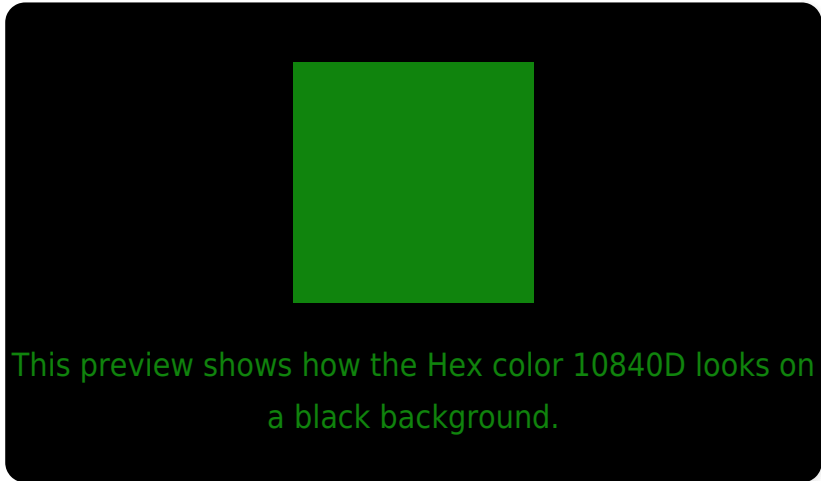
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 10840D Background



This preview shows how black text looks on a background with the Hex color 10840D.



This preview shows how white text looks on a background with the Hex color 10840D.

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
10840D

Protanopia
7F7100

Deuteranopia
8E6B1F



Tritanopia
397B85

Trichromacy



Original Color
10840D



Protanomaly
577805



Deuteranomaly
607418



Tritanomaly
2A7E59

Monochromacy



Original Color
10840D



Achromatopsia
545454



Achromatomaly
3B653A

CSS Examples

Text

The CSS property to change the color of the text to Hex 10840D 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 #10840D looks like.

```
.text, #text, p{  
    color:#10840D  
}
```

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 #10840D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10840D
}
```

Border

The CSS property to change the border of an element to Hex 10840D 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".

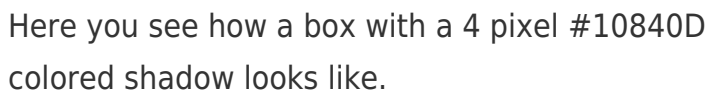
```
.border, #border, table{ border:4px solid
#10840D }
```

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

```
.border{ border-color:#10840D }
```

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

Here you see how a box with a 4 pixel #10840D colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is visible on the right and bottom edges of the box, demonstrating the effect of the CSS box-shadow property.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10840D; -webkit-box-shadow:4px 4px  
4px 4px #10840D; box-shadow:4px 4px 4px  
4px #10840D }
```

Background

The CSS property to change the background color of an element to Hex 10840D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10840D }
```

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

```
.background{ background-color:#10840D }
```

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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