

Converting Colors

Hex(12760B)

Have a look what the booklet for
Hex(12760B) contains.

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Color

Hex(12760B)

Conversions

Conversions Part 1

Format	Color
Hex	12760B
RGB	18, 118, 11
RGB Percent	7%, 46%, 4%
CMY	0.9294, 0.5373, 0.9569
CMYK	0.85, 0.00, 0.91, 0.54
HSL	116°, 83%, 25%
HSV	116°, 91%, 46%
XYZ	6.7883, 13.1096, 2.4892
YIQ	75.9020, -25.2530, -54.4770

Conversions

Conversions Part 2

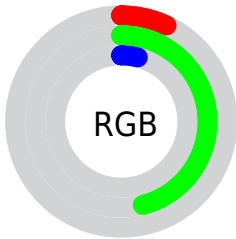
Format	Color
RYB	11, 118, 111
Decimal	1209867
CIELab	42.93, -46.55, 44.84
CIELCh	43, 64.632, 136.075
Yxy	13.1096, 0.3032, 0.5856
Android (android.graphics.Color)	4279399947 (0xFF12760B)
YUV	75.9020, -31.9967, -50.7801
Hunter-Lab	36.2072, -29.8967, 21.2689

Details

The Hex color **12760B** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6F0B76**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **54AB43**, and **004400** is the 20% darker color. If you saturate the color by 10%, you get **087600**, and if you desaturate by 10%, it is **1D7617**.

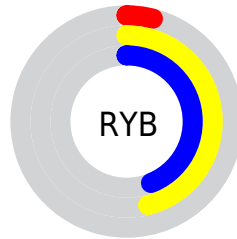
Distribution



Red (7%)

Green (46%)

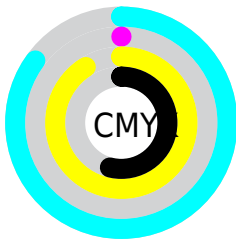
Blue (4%)



Red (4%)

Yellow (46%)

Blue (44%)

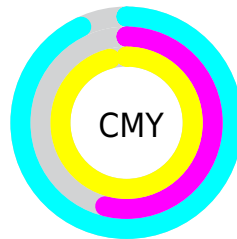


Cyan (85%)

Magenta (0%)

Yellow (91%)

Black (54%)



Cyan (93%)

Magenta (54%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12760B 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 12760B by changing the saturation by 10% instead.

 12760B

 12760B


FFFFFF

 005D00

 54AB43

 004400

 70C75C

 002E00

 8CE376

 001200

 A8FF91

 000000

 C5FFAC

 E2FFC8

 FFFF E5

 12760B

 12760B

■ 087600

■ 1D7617

■ 287623

■ 33762E

■ 3E763A

■ 497646

■ 547652

■ 5F765E

■ 6A7669

■ 757675

Harmonies

Analogous

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



616C00



12760B



007B4A

Triad

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



12760B



0073CE



C2234B

Complementary

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



12760B



6F0B76

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.



B72881



12760B



0062CD

Square

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



12760B



007BB2



8A47B0



B23F17

Rectangle

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



12760B



007C6F



8A47B0



C11E5D

Sweetspot

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



12760B



729970



766F0B



364D34



CCCCCC



4D4D4D

Same Dimension

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



12760B



0A9900



0B7639



353B35



087A00



10FA00

Inverse Universe

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



6F0B76



8F0099



760B48



3A353B



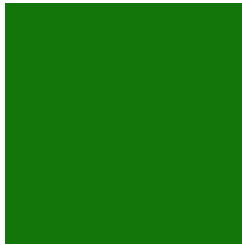
72007A



EA00FA

Previews

White Background



This preview shows how the Hex color 12760B looks on a white background.

Color Contrast Check

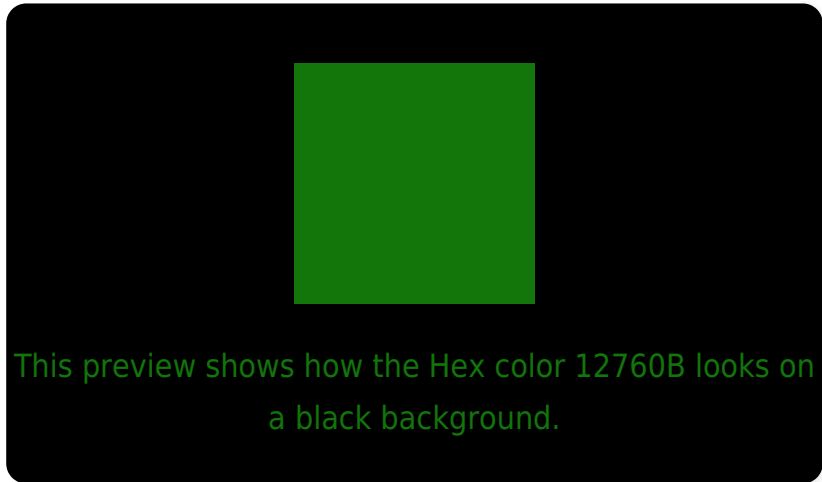
Large Text (above 18pt) WCAG AA ✓ Pass

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

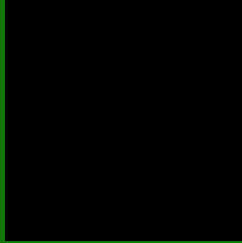
Any Text WCAG AA × Fail

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 12760B Background



This preview shows how black text looks on a background with the Hex color 12760B.



This preview shows how white text looks on a background with the Hex color 12760B.

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
12760B

Protanopia
726500

Deuteranopia
7F601B



Tritanopia
346E77

Trichromacy



Original Color
12760B



Protanomaly
4F6B04



Deuteranomaly
576815

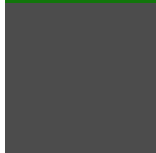


Tritanomaly
287150

Monochromacy



Original Color
12760B



Achromatopsia
4C4C4C



Achromatomaly
375B34

CSS Examples

Text

The CSS property to change the color of the text to Hex 12760B 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 #12760B looks like.

```
.text, #text, p{  
    color:#12760B  
}
```

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 #12760B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12760B
}
```

Border

The CSS property to change the border of an element to Hex 12760B 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
#12760B }
```

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

```
.border{ border-color:#12760B }
```

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

Here you see how a box with a 4 pixel #12760B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12760B; -webkit-box-shadow:4px 4px  
4px 4px #12760B; box-shadow:4px 4px 4px  
4px #12760B }
```

Background

The CSS property to change the background color of an element to Hex 12760B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12760B }
```

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

```
.background{ background-color:#12760B }
```

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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