

Converting Colors

Hex(16720B)

Have a look what the booklet for
Hex(16720B) contains.

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Color

Hex(16720B)

Conversions

Conversions Part 1

Format	Color
Hex	16720B
RGB	22, 114, 11
RGB Percent	9%, 45%, 4%
CMY	0.9137, 0.5529, 0.9569
CMYK	0.81, 0.00, 0.90, 0.55
HSL	114°, 82%, 25%
HSV	114°, 90%, 45%
XYZ	6.4086, 12.2294, 2.3393
YIQ	74.7500, -21.7690, -51.5370

Conversions

Conversions Part 2

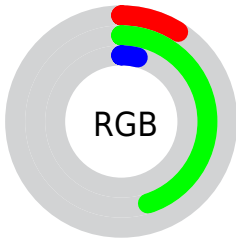
Format	Color
RYB	11, 114, 103
Decimal	1470987
CIELab	41.58, -44.68, 43.67
CIELCh	42, 62.476, 135.650
Yxy	12.2294, 0.3055, 0.5830
Android (android.graphics.Color)	4279661067 (0xFF16720B)
YUV	74.7500, -31.4288, -46.2617
Hunter-Lab	34.9705, -28.4870, 20.5132

Details

The Hex color **16720B** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **670B72**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **55A742**, and **004000** is the 20% darker color. If you saturate the color by 10%, you get **0C7200**, and if you desaturate by 10%, it is **207216**.

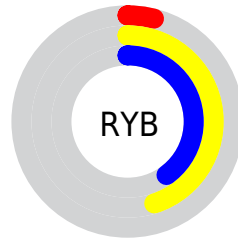
Distribution



Red (9%)

Green (45%)

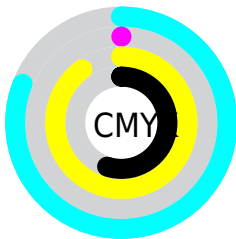
Blue (4%)



Red (4%)

Yellow (45%)

Blue (40%)

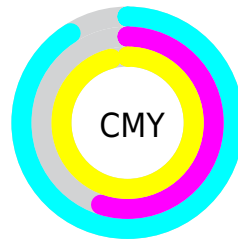


Cyan (81%)

Magenta (0%)

Yellow (90%)

Black (55%)



Cyan (91%)


Magenta (55%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16720B 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 16720B by changing the saturation by 10% instead.

 16720B

 16720B

FFFFFF

 005900

 55A742

 004000

 70C35B

 002B00

 8CDF75

 000B00

 A8FC90

 000000

 C5FFAB

 E2FFC7

 FFFFE4

 16720B

 16720B

■ 0C7200

■ 207216

■ 2A7222

■ 35722D

■ 3F7239

■ 497244

■ 53724F

■ 5D725B

■ 677266

■ 727272

Harmonies

Analogous

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



5E6800



16720B



007747

Triad

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



16720B



006FC6



BB234A

Complementary

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



16720B



670B72

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.



B0287D



16720B



005FC6

Square

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



16720B



0077AB



8546AB



AC3D18

Rectangle

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



16720B



00786B



8546AB



BA1F5B

Sweetspot

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



16720B



70946C



72660B



354A32



C9C9C9



4A4A4A

Same Dimension

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



16720B



109400



0B7232



333832



0D7800



1AF700

Inverse Universe

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



670B72



840094



720B4B



383238



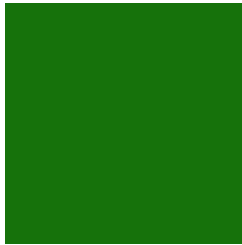
6B0078



DD00F7

Previews

White Background



This preview shows how the Hex color 16720B looks on a white background.

Color Contrast Check

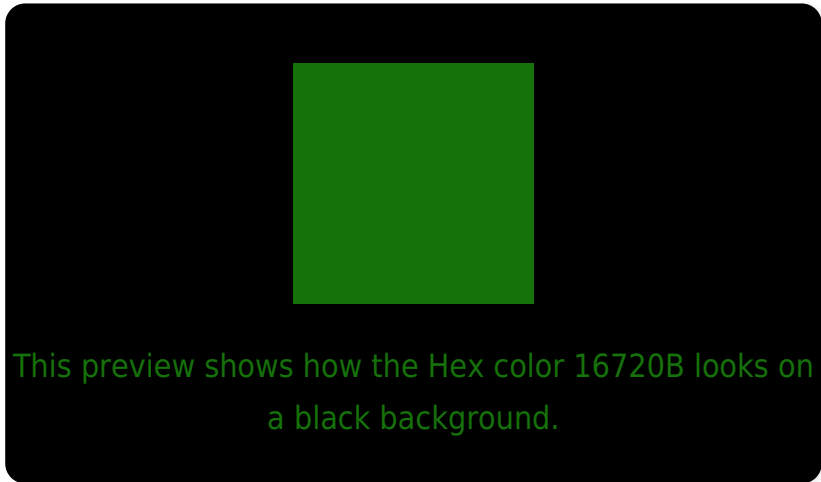
Large Text (above 18pt) WCAG AA ✓ Pass

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

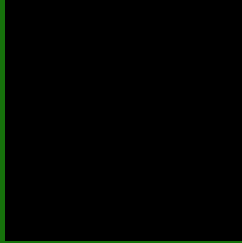
Any Text WCAG AA × Fail

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 16720B Background



This preview shows how black text looks on a background with the Hex color 16720B.

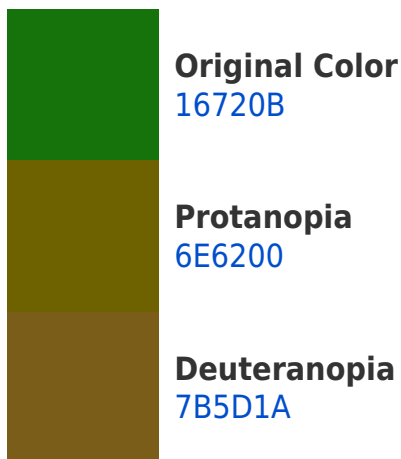



This preview shows how white text looks on a background with the Hex color 16720B.

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





Tritanopia
346A73

Trichromacy



Original Color
16720B

Protanomaly
4E6804

Deuteranomaly
566515

Tritanomaly
296D4D

Monochromacy



Original Color
16720B

Achromatopsia
4B4B4B

Achromatomaly
385934

CSS Examples

Text

The CSS property to change the color of the text to Hex 16720B 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 #16720B looks like.

```
.text, #text, p{  
    color:#16720B  
}
```

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 #16720B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16720B
}
```

Border

The CSS property to change the border of an element to Hex 16720B 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
#16720B }
```

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

```
.border{ border-color:#16720B }
```

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

Here you see how a box with a 4 pixel #16720B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16720B; -webkit-box-shadow:4px 4px  
4px 4px #16720B; box-shadow:4px 4px 4px  
4px #16720B }
```

Background

The CSS property to change the background color of an element to Hex 16720B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16720B }
```

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

```
.background{ background-color:#16720B }
```

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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