

Converting Colors

Hex(70641B)

Have a look what the booklet for
Hex(70641B) contains.

Hex(70641B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(70641B)

Conversions

Conversions Part 1

Format	Color
Hex	70641B
RGB	112, 100, 27
RGB Percent	44%, 39%, 11%
CMY	0.5608, 0.6078, 0.8941
CMYK	0.00, 0.11, 0.76, 0.56
HSL	52°, 61%, 27%
HSV	52°, 76%, 44%
XYZ	11.4371, 12.6382, 2.8735
YIQ	95.2660, 30.5850, -20.1590

Conversions

Conversions Part 2

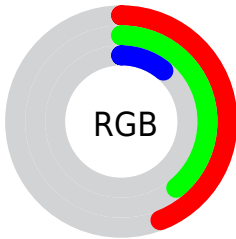
Format	Color
R_{YB}	41, 112, 27
Decimal	7365659
CIE _{Lab}	42.21, -4.07, 40.82
CIE _{LCh}	42, 41.024, 95.694
Yxy	12.6382, 0.4244, 0.4690
Android (android.graphics.Color)	4285555739 (0xFF70641B)
YUV	95.2660, -33.6551, 14.6757
Hunter-Lab	35.5503, -4.7867, 20.0928

Details

The Hex color **70641B** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1B2770**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **A6974C**, and **3D3600** is the 20% darker color. If you saturate the color by 10%, you get **706210**, and if you desaturate by 10%, it is **706626**.

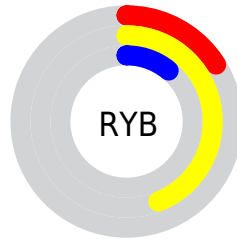
Distribution



Red (44%)

Green (39%)

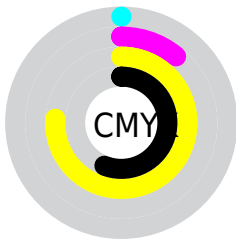
Blue (11%)



Red (16%)

Yellow (44%)

Blue (11%)

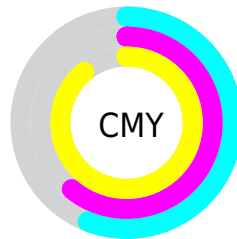


Cyan (0%)

Magenta (11%)

Yellow (76%)

Black (56%)



Cyan (56%)

Magenta (61%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70641B 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 70641B by changing the saturation by 10% instead.

 70641B

 70641B

FFFFFF

 564C00

 A6974C

 3D3600

 C2B165

 242100

 DFCD7F

 020B00

 FCE99A

 000000

 FFFFB5

 FFFFD1

 FFFFED

 70641B

 70641B

■ 706210

■ 706626

■ 706105

■ 706731

■ 706000

■ 70693D

■ 706A48

■ 706C53

■ 706D5E

■ 706F69

■ 707175

■ 707280

Harmonies

Analogous

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



8C5825



70641B



4D6D29

Triad

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



70641B



00738A



924B80

Complementary

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



70641B



1B2770

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.



6E589B



70641B



006EA1

Square

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



70641B



007469



2A65A7



A1455F

Rectangle

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



70641B



2D713C



2A65A7



884F8A

Sweetspot

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



70641B



918D70



701B28



4A4735



C9C9C9



4A4A4A

Same Dimension

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



70641B



917F0D



52701B



383732



786700



F7D400

Inverse Universe

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



1B2770



0D2091



391B70



323338



001178



0023F7

Previews

White Background



This preview shows how the Hex color 70641B looks on a white background.

Color Contrast Check

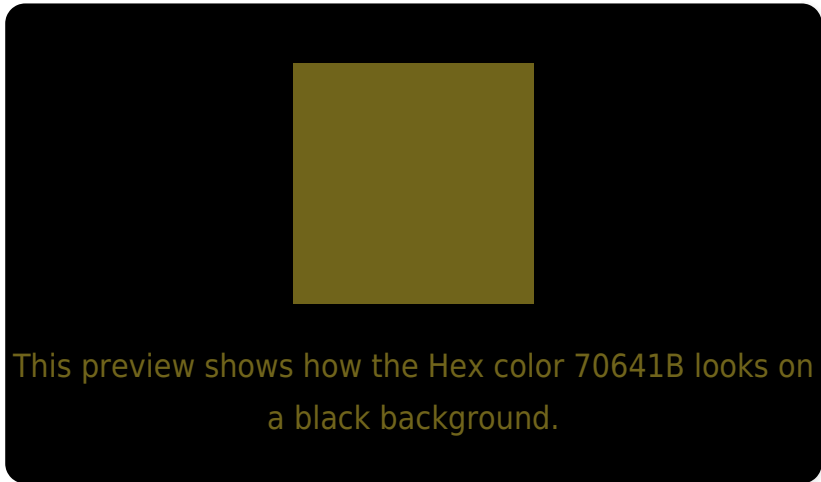
Large Text (above 18pt) WCAG AA ✓ Pass

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

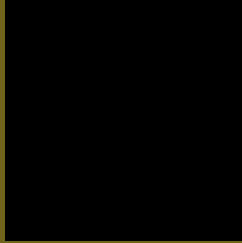
Any Text WCAG AA × Fail

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 70641B Background



This preview shows how black text looks on a background with the Hex color 70641B.



This preview shows how white text looks on a background with the Hex color 70641B.

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


70641B

Protanopia

70641B

Deuteranopia

7D5F1D



Tritanopia
765D65

Trichromacy



Original Color
70641B

Protanomaly
70641B

Deuteranomaly
78611C

Tritanomaly
74604A

Monochromacy



Original Color
70641B

Achromatopsia
5F5F5F

Achromatomaly
656146

CSS Examples

Text

The CSS property to change the color of the text to Hex 70641B 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 #70641B looks like.

```
.text, #text, p{  
    color:#70641B  
}
```

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 #70641B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70641B
}
```

Border

The CSS property to change the border of an element to Hex 70641B 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
#70641B }
```

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

```
.border{ border-color:#70641B }
```

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

Here you see how a box with a 4 pixel #70641B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70641B; -webkit-box-shadow:4px 4px  
4px 4px #70641B; box-shadow:4px 4px 4px  
4px #70641B }
```

Background

The CSS property to change the background color of an element to Hex 70641B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70641B }
```

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

```
.background{ background-color:#70641B }
```

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