

Converting Colors

Hex(70640B)

Have a look what the booklet for
Hex(70640B) contains.

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Color

Hex(70640B)

Conversions

Conversions Part 1

Format	Color
Hex	70640B
RGB	112, 100, 11
RGB Percent	44%, 39%, 4%
CMY	0.5608, 0.6078, 0.9569
CMYK	0.00, 0.11, 0.90, 0.56
HSL	53°, 82%, 24%
HSV	53°, 90%, 44%
XYZ	11.2997, 12.5832, 2.1499
YIQ	93.4420, 35.7210, -25.1350

Conversions

Conversions Part 2

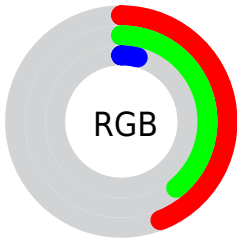
Format	Color
R_{YB}	25, 112, 11
Decimal	7365643
CIE _{Lab}	42.13, -4.70, 46.17
CIE _{LCh}	42, 46.404, 95.812
Yxy	12.5832, 0.4341, 0.4834
Android (android.graphics.Color)	4285555723 (0xFF70640B)
YUV	93.4420, -40.6439, 16.2754
Hunter-Lab	35.4729, -5.2174, 21.2377

Details

The Hex color **70640B** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0B1770**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **A79741**, and **3C3600** is the 20% darker color. If you saturate the color by 10%, you get **706300**, and if you desaturate by 10%, it is **706516**.

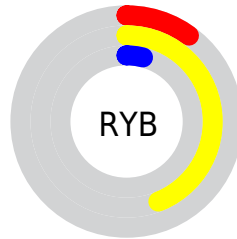
Distribution



Red (44%)

Green (39%)

Blue (4%)



Red (10%)

Yellow (44%)

Blue (4%)

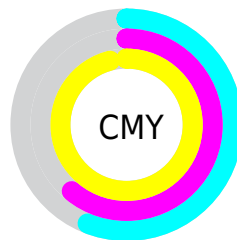


Cyan (0%)

Magenta (11%)

Yellow (90%)

Black (56%)



Cyan (56%)

Magenta (61%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70640B 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 70640B by changing the saturation by 10% instead.

 70640B

 70640B

FFFFFF

 564C00

 A79741

 3C3600

 C3B15A

 232100

 E0CC74

 000B00

 FEE98F

 000000

 FFFFAA

 FFFFC6

 FFFFEE2

 70640B

 70640B

■ 706300

■ 706516

■ 706721

■ 70682D

■ 706938

■ 706B43

■ 706C4E

■ 706D59

■ 706F65

■ 707070

Harmonies

Analogous

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



8F561A



70640B



486E20

Triad

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



70640B



00758F



974683

Complementary

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



70640B



0B1770

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.



6E56A2



70640B



0070A9

Square

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



70640B



00766A



0B65B0



A83E5E

Rectangle

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



70640B



207236



0B65B0



8C4B8F

Sweetspot

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



70640B



918D6A



700B18



4A4732



C9C9C9



4A4A4A

Same Dimension

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



70640B



918000



4B700B



383732



786A00



F7DA00

Inverse Universe

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



0B1770



001191



300B70



323338



000E78



001DF7

Previews

White Background



This preview shows how the Hex color 70640B looks on a white background.

Color Contrast Check

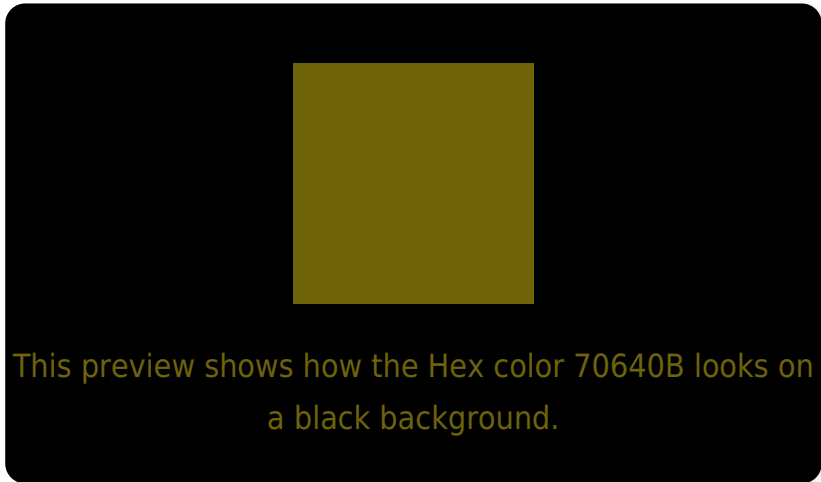
Large Text (above 18pt) WCAG AA ✓ Pass

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

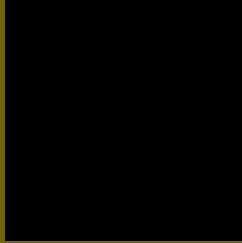
Any Text WCAG AA × Fail

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 70640B Background



This preview shows how black text looks on a background with the Hex color 70640B.



This preview shows how white text looks on a background with the Hex color 70640B.

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


70640B

Protanopia

70640B

Deuteranopia

7E5E10



Tritanopia
765D64

Trichromacy



Original Color
70640B

Protanomaly
70640B

Deuteranomaly
79600E

Tritanomaly
746044

Monochromacy



Original Color
70640B

Achromatopsia
5D5D5D

Achromatomaly
64603F

CSS Examples

Text

The CSS property to change the color of the text to Hex 70640B 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 #70640B looks like.

```
.text, #text, p{  
    color:#70640B  
}
```

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 #70640B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70640B
}
```

Border

The CSS property to change the border of an element to Hex 70640B 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
#70640B }
```

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

```
.border{ border-color:#70640B }
```

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

Here you see how a box with a 4 pixel #70640B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70640B; -webkit-box-shadow:4px 4px  
4px 4px #70640B; box-shadow:4px 4px 4px  
4px #70640B }
```

Background

The CSS property to change the background color of an element to Hex 70640B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70640B }
```

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

```
.background{ background-color:#70640B }
```

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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