

Converting Colors

Hex(70230B)

Have a look what the booklet for
Hex(70230B) contains.

Hex(70230B)	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(70230B)

Conversions

Conversions Part 1

Format	Color
Hex	70230B
RGB	112, 35, 11
RGB Percent	44%, 14%, 4%
CMY	0.5608, 0.8627, 0.9569
CMYK	0.00, 0.69, 0.90, 0.56
HSL	14°, 82%, 24%
HSV	14°, 90%, 44%
XYZ	7.3435, 4.6710, 0.8311
YIQ	55.2870, 53.5960, 8.8600

Conversions

Conversions Part 2

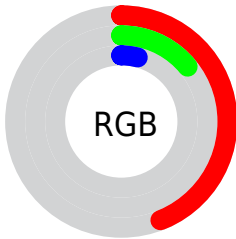
Format	Color
RYB	112, 42, 11
Decimal	7349003
CIELab	25.78, 32.89, 32.55
CIElCh	26, 46.275, 44.707
Yxy	4.6710, 0.5717, 0.3636
Android (android.graphics.Color)	4285539083 (0xFF70230B)
YUV	55.2870, -21.8335, 49.7373
Hunter-Lab	21.6124, 22.8295, 12.8486

Details

The Hex color **70230B** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0B5870**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **AA5437**, and **390000** is the 20% darker color. If you saturate the color by 10%, you get **701B00**, and if you desaturate by 10%, it is **702C16**.

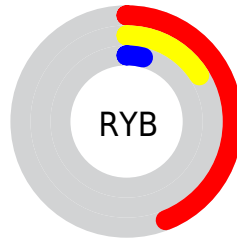
Distribution



Red (44%)

Green (14%)

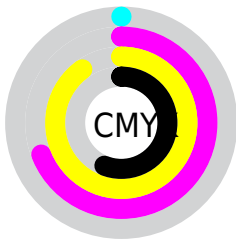
Blue (4%)



Red (44%)

Yellow (16%)

Blue (4%)

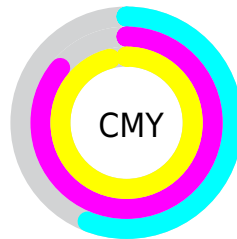


Cyan (0%)

Magenta (69%)

Yellow (90%)

Black (56%)



Cyan (56%)

Magenta (86%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70230B 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 70230B by changing the saturation by 10% instead.

 70230B

 70230B

 FFFFEE

 540800

 AA5437

 390000

 C76D4F

 1C0001

 E58767

 000000

 FFA281

 FFBD9B

 FFD9B6

 FFF6D1

 70230B

 70230B

■ 701B00

■ 702C16

■ 703421

■ 703D2D

■ 704538

■ 704E43

■ 70564E

■ 705F59

■ 706765

■ 707070

Harmonies

Analogous

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



7A102E



70230B



5A3500

Triad

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



70230B



004B29



003C82

Complementary

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



70230B



0B5870

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.



004681



70230B



004C4E

Square

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



70230B



0B4801



004B6E



532A70

Rectangle

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



70230B



473D00



004B6E



004084

Sweetspot

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



70230B



91736A



700B58



4A3832



C9C9C9



4A4A4A

Same Dimension

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



70230B



912300



70550B



383432



781C00



F73B00

Inverse Universe

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



0B5870



006F91



0B2670



323738



005B78



00BDF7

Previews

White Background



This preview shows how the Hex color 70230B 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 70230B Background



This preview shows how black text looks on a background with the Hex color 70230B.



This preview shows how white text looks on a background with the Hex color 70230B.

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
70230B

Protanopia
463F12

Deuteranopia
4F3B00

Trichromacy



Original Color
70230B

Protanomaly
55350F

Deuteranomaly
5B3204

Tritanomaly
71221A

Monochromacy



Original Color
70230B

Achromatopsia
373737

Achromatomaly
4C3027

CSS Examples

Text

The CSS property to change the color of the text to Hex 70230B 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 #70230B looks like.

```
.text, #text, p{  
    color:#70230B  
}
```

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 #70230B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70230B
}
```

Border

The CSS property to change the border of an element to Hex 70230B is called "border". The border property can be set on classes, ids or directly on the HTML element.

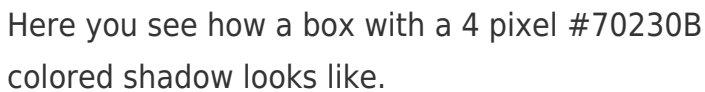
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#70230B }
```

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

```
.border{ border-color:#70230B }
```

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



Here you see how a box with a 4 pixel #70230B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70230B; -webkit-box-shadow:4px 4px  
4px 4px #70230B; box-shadow:4px 4px 4px  
4px #70230B }
```

Background

The CSS property to change the background color of an element to Hex 70230B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70230B }
```

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

```
.background{ background-color:#70230B }
```

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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