

Converting Colors

Hex(45702B)

Have a look what the booklet for
Hex(45702B) contains.

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Color

Hex(45702B)

Conversions

Conversions Part 1

Format	Color
Hex	45702B
RGB	69, 112, 43
RGB Percent	27%, 44%, 17%
CMY	0.7294, 0.5608, 0.8314
CMYK	0.38, 0.00, 0.62, 0.56
HSL	97°, 45%, 30%
HSV	97°, 62%, 44%
XYZ	8.6845, 13.0280, 4.3424
YIQ	91.2770, -3.4790, -30.5750

Conversions

Conversions Part 2

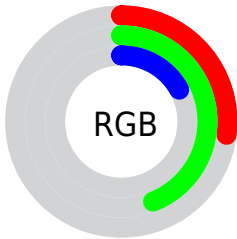
Format	Color
RYB	43, 112, 86
Decimal	4550699
CIELab	42.81, -28.27, 33.06
CIELCh	43, 43.497, 130.536
Yxy	13.0280, 0.3333, 0.5000
Android (android.graphics.Color)	4282740779 (0xFF45702B)
YUV	91.2770, -23.8006, -19.5369
Hunter-Lab	36.0943, -20.2170, 18.1329

Details

The Hex color **45702B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **562B70**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **78A45B**, and **134000** is the 20% darker color. If you saturate the color by 10%, you get **3E7020**, and if you desaturate by 10%, it is **4C7036**.

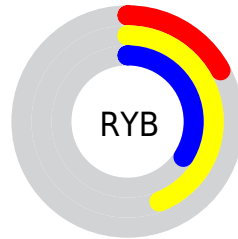
Distribution



Red (27%)

Green (44%)

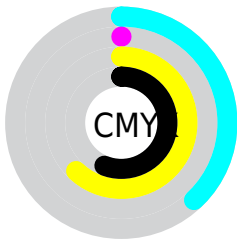
Blue (17%)



Red (17%)

Yellow (44%)

Blue (34%)

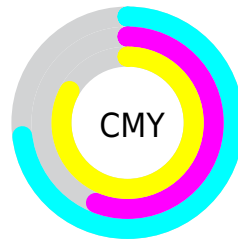


Cyan (38%)

Magenta (0%)

Yellow (62%)

Black (56%)



Cyan (73%)

Magenta (56%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45702B 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 45702B by changing the saturation by 10% instead.



45702B



45702B

FFFFFF



2C5713



78A45B



134000



93BF75



002900



AEDB8F



001200



CAF8A9



000000



E7FFC5



FFFFE1

FFFFFFE



45702B



45702B

■ 3E7020

■ 4C7036

■ 377015

■ 537041

■ 307009

■ 5A704D

■ 2A7000

■ 617058

■ 687063

■ 6F706E

■ 767079

■ 7D7085

■ 847090

Harmonies

Analogous

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



6C6717



45702B



00754C

Triad

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



45702B



006FA9



A7445A

Complementary

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



45702B



562B70

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.



9A487E



45702B



3665AC

Square

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



45702B



007593



77569C



A04D38

Rectangle

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



45702B



007665



77569C



A54466

Sweetspot

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



45702B



819177



70562B



404A3A



C9C9C9



4A4A4A

Same Dimension

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



45702B



4E9126



2B7033



353832



2D7800



5DF700

Inverse Universe

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



562B70



692691



702B68



363238



4B0078



9A00F7

Previews

White Background



This preview shows how the Hex color 45702B looks on a white background.

Color Contrast Check

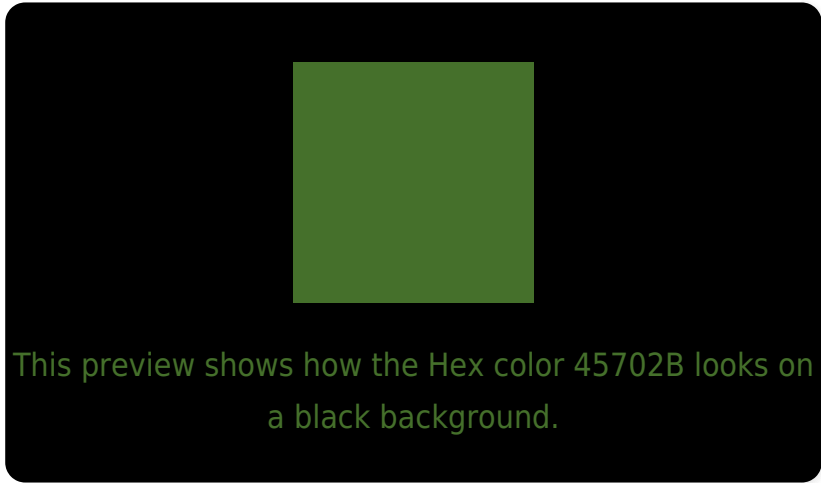
Large Text (above 18pt) WCAG AA ✓ Pass

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 45702B Background



This preview shows how black text looks on a background with the Hex color 45702B.



This preview shows how white text looks on a background with the Hex color 45702B.

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
45702B

Protanopia
706528

Deuteranopia
7C6030



Tritanopia
506971

Trichromacy



Original Color
45702B

Protanomaly
606929

Deuteranomaly
68662E

Tritanomaly
4C6C58

Monochromacy



Original Color
45702B

Achromatopsia
5B5B5B

Achromatomaly
53634A

CSS Examples

Text

The CSS property to change the color of the text to Hex 45702B 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 #45702B looks like.

```
.text, #text, p{  
    color:#45702B  
}
```

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 #45702B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45702B
}
```

Border

The CSS property to change the border of an element to Hex 45702B 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
#45702B }
```

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

```
.border{ border-color:#45702B }
```

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

Here you see how a box with a 4 pixel #45702B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45702B; -webkit-box-shadow:4px 4px  
4px 4px #45702B; box-shadow:4px 4px 4px  
4px #45702B }
```

Background

The CSS property to change the background color of an element to Hex 45702B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45702B }
```

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

```
.background{ background-color:#45702B }
```

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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