

Converting Colors

Hex(44570B)

Have a look what the booklet for
Hex(44570B) contains.

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Color

Hex(44570B)

Conversions

Conversions Part 1

Format	Color
Hex	44570B
RGB	68, 87, 11
RGB Percent	27%, 34%, 4%
CMY	0.7333, 0.6588, 0.9569
CMYK	0.22, 0.00, 0.87, 0.66
HSL	75°, 78%, 19%
HSV	75°, 87%, 34%
XYZ	5.8525, 8.0695, 1.5657
YIQ	72.6550, 13.0720, -27.6640

Conversions

Conversions Part 2

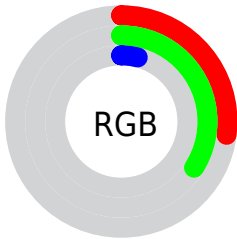
Format	Color
R_{YB}	11, 87, 30
Decimal	4478731
CIE _{Lab}	34.13, -18.62, 37.79
CIE _{LCh}	34, 42.131, 116.235
Yxy	8.0695, 0.3779, 0.5210
Android (android.graphics.Color)	4282668811 (0xFF44570B)
YUV	72.6550, -30.3959, -4.0824
Hunter-Lab	28.4069, -12.9367, 16.6169

Details

The Hex color **44570B** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1E0B57**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **77893D**, and **142A00** is the 20% darker color. If you saturate the color by 10%, you get **425702**, and if you desaturate by 10%, it is **465714**.

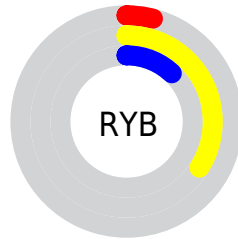
Distribution



Red (27%)

Green (34%)

Blue (4%)



Red (4%)

Yellow (34%)

Blue (12%)

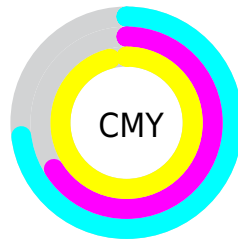


Cyan (22%)

Magenta (0%)

Yellow (87%)

Black (66%)



Cyan (73%)

Magenta (66%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44570B 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 44570B by changing the saturation by 10% instead.

 44570B

 44570B

 FFFFF9

 2C4000

 77893D

 142A00

 91A356

 001700

 ADBE6F

 000000

 C8DA89

 E5F7A4

 FFFFC0

 FFFFDC

 44570B

 44570B

■ 425702

■ 465714

■ 415700

■ 48571C

■ 4B5725

■ 4D572E

■ 4F5737

■ 51573F

■ 535748

■ 555751

■ 585759

Harmonies

Analogous

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



644D02



44570B



105D29

Triad

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



44570B



005D88



892F56

Complementary

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



44570B



1E0B57

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.



743A76



44570B



005593

Square

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



44570B



00606D



48498D



8B3335

Rectangle

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



44570B



005F3F



48498D



853261

Sweetspot

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



44570B



697053



571E0B



343827



B8B8B8



383838

Same Dimension

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



44570B



547000



1E570B



2A2B27



506B00



B0EB00

Inverse Universe

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



1E0B57



1C0070



440B57



28272B



1B006B



3B00EB

Previews

White Background



This preview shows how the Hex color 44570B looks on a white background.

Color Contrast Check

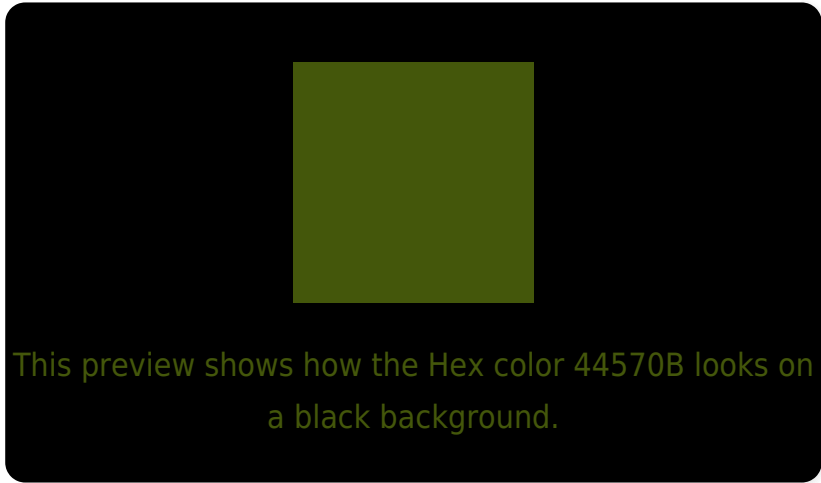
Large Text (above 18pt) WCAG AA ✓ Pass

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

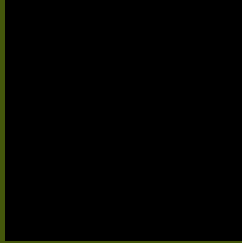
Any Text WCAG AA × Fail

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 44570B Background



This preview shows how black text looks on a background with the Hex color 44570B.



This preview shows how white text looks on a background with the Hex color 44570B.

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
44570B

Protanopia
5A5009

Deuteranopia
654C13



Tritanopia
4B5157

Trichromacy



Original Color
44570B

Protanomaly
52530A

Deuteranomaly
595010

Tritanomaly
48533B

Monochromacy



Original Color
44570B

Achromatopsia
494949

Achromatomaly
474E32

CSS Examples

Text

The CSS property to change the color of the text to Hex 44570B 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 #44570B looks like.

```
.text, #text, p{  
    color:#44570B  
}
```

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 #44570B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44570B
}
```

Border

The CSS property to change the border of an element to Hex 44570B is called "border". The border property can be set on classes, ids or directly on the HTML element.

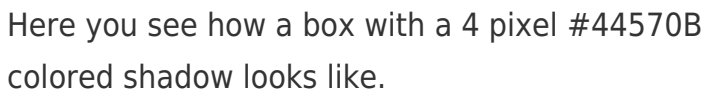
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#44570B }
```

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

```
.border{ border-color:#44570B }
```

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



Here you see how a box with a 4 pixel #44570B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44570B; -webkit-box-shadow:4px 4px  
4px 4px #44570B; box-shadow:4px 4px 4px  
4px #44570B }
```

Background

The CSS property to change the background color of an element to Hex 44570B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44570B }
```

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

```
.background{ background-color:#44570B }
```

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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