

Converting Colors

Hex(42750C)

Have a look what the booklet for
Hex(42750C) contains.

Hex(42750C)	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(42750C)

Conversions

Conversions Part 1

Format	Color
Hex	42750C
RGB	66, 117, 12
RGB Percent	26%, 46%, 5%
CMY	0.7412, 0.5412, 0.9529
CMYK	0.44, 0.00, 0.90, 0.54
HSL	89°, 81%, 25%
HSV	89°, 90%, 46%
XYZ	8.6744, 13.9074, 2.5750
YIQ	89.7810, 3.3090, -43.4670

Conversions

Conversions Part 2

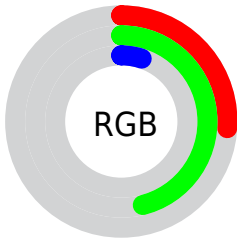
Format	Color
R_{YB}	12, 117, 63
Decimal	4355340
CIE _{Lab}	44.10, -33.94, 46.21
CIE _{LCh}	44, 57.335, 126.292
Yxy	13.9074, 0.3448, 0.5528
Android (android.graphics.Color)	4282545420 (0xFF42750C)
YUV	89.7810, -38.3460, -20.8559
Hunter-Lab	37.2926, -23.7422, 22.0109

Details

The Hex color **42750C** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3F0C75**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **77AA44**, and **084400** is the 20% darker color. If you saturate the color by 10%, you get **3C7500**, and if you desaturate by 10%, it is **487518**.

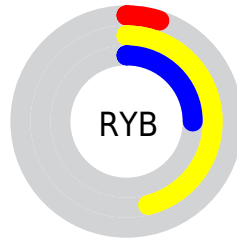
Distribution



Red (26%)

Green (46%)

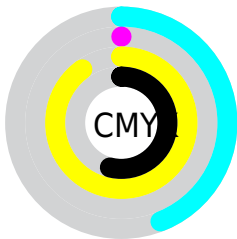
Blue (5%)



Red (5%)

Yellow (46%)

Blue (25%)

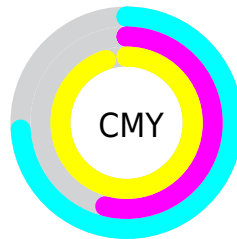


Cyan (44%)

Magenta (0%)

Yellow (90%)

Black (54%)



Cyan (74%)

Magenta (54%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42750C 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 42750C by changing the saturation by 10% instead.

 42750C

 42750C

FFFFFF

 275C00

 77AA44

 084400

 92C55D

 002D00

 AEE177

 001700

 CAFE92

 000000

 E7FFAD

 FFFFC9

 FFFF66

 42750C

 42750C

■ 3C7500

■ 487518

■ 4D7523

■ 53752F

■ 59753B

■ 5E7546

■ 647552

■ 6A755E

■ 6F756A

■ 757575

Harmonies

Analogous

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



756900



42750C



007B40

Triad

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



42750C



0077C0



BC3360

Complementary

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



42750C



3F0C75

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.



A83F90



42750C



006BC8

Square

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



42750C



007DA0



7557B6



B54132

Rectangle

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



42750C



007D61



7557B6



B83470

Sweetspot

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



42750C



859970



753F0C



414D34



CCCCCC



4D4D4D

Same Dimension

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



42750C



4F9900



0E750C



383B35



3F7A00



81FA00

Inverse Universe

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



3F0C75



4A0099



730C75



38353B



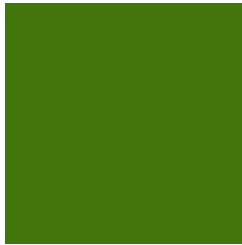
3B007A



7900FA

Previews

White Background



This preview shows how the Hex color 42750C looks on a white background.

Color Contrast Check

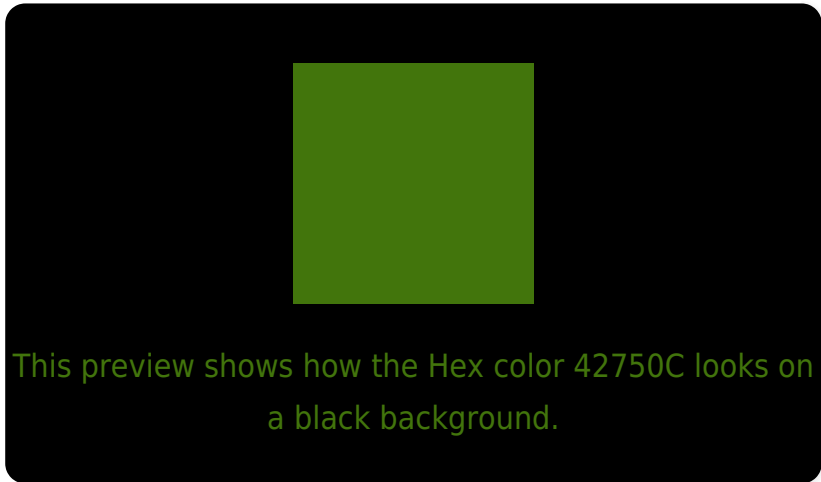
Large Text (above 18pt) WCAG AA ✓ Pass

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

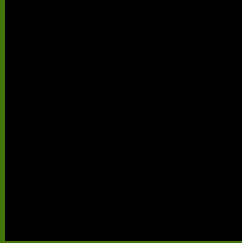
Any Text WCAG AA × Fail

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 42750C Background



This preview shows how black text looks on a background with the Hex color 42750C.



This preview shows how white text looks on a background with the Hex color 42750C.

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
42750C

Protanopia
756806

Deuteranopia
83631A



Tritanopia
506D76

Trichromacy



Original Color
42750C

Protanomaly
626D08

Deuteranomaly
6B6A15

Tritanomaly
4B704F

Monochromacy



Original Color
42750C

Achromatopsia
5A5A5A

Achromatomaly
51643E

CSS Examples

Text

The CSS property to change the color of the text to Hex 42750C 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 #42750C looks like.

```
.text, #text, p{  
    color:#42750C  
}
```

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 #42750C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42750C
}
```

Border

The CSS property to change the border of an element to Hex 42750C 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
#42750C }
```

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

```
.border{ border-color:#42750C }
```

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

Here you see how a box with a 4 pixel #42750C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42750C; -webkit-box-shadow:4px 4px  
4px 4px #42750C; box-shadow:4px 4px 4px  
4px #42750C }
```

Background

The CSS property to change the background color of an element to Hex 42750C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42750C }
```

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

```
.background{ background-color:#42750C }
```

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