

Converting Colors

Hex(42510D)

Have a look what the booklet for
Hex(42510D) contains.

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Color

Hex(42510D)

Conversions

Conversions Part 1

Format	Color
Hex	42510D
RGB	66, 81, 13
RGB Percent	26%, 32%, 5%
CMY	0.7412, 0.6824, 0.9490
CMYK	0.19, 0.00, 0.84, 0.68
HSL	73°, 72%, 18%
HSV	73°, 84%, 32%
XYZ	5.2618, 7.0722, 1.4685
YIQ	68.7630, 12.8880, -24.3280

Conversions

Conversions Part 2

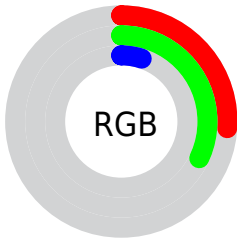
Format	Color
RYB	13, 81, 28
Decimal	4346125
CIELab	31.97, -16.21, 35.10
CIElCh	32, 38.663, 114.785
Yxy	7.0722, 0.3812, 0.5124
Android (android.graphics.Color)	4282536205 (0xFF42510D)
YUV	68.7630, -27.4912, -2.4232
Hunter-Lab	26.5935, -11.2204, 15.3415

Details

The Hex color **42510D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **1C0D51**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **74823E**, and **132400** is the 20% darker color. If you saturate the color by 10%, you get **405105**, and if you desaturate by 10%, it is **445115**.

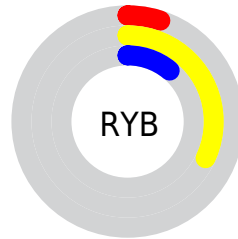
Distribution



Red (26%)

Green (32%)

Blue (5%)



Red (5%)

Yellow (32%)

Blue (11%)

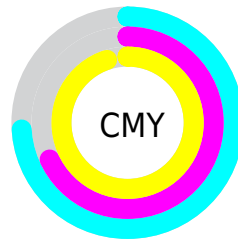


Cyan (19%)

Magenta (0%)

Yellow (84%)

Black (68%)



Cyan (74%)

Magenta (68%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42510D 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 42510D by changing the saturation by 10% instead.

 42510D

 42510D

 FFFFF8

 2B3A00

 74823E

 132400

 8F9C56

 000D00

 AAB76F

 000000

 C5D389

 E2EFA4

 FFFFBF

 FFFFDB

 42510D

 42510D

■ 405105

■ 445115

■ 3F5100

■ 46511D

■ 475125

■ 49512D

■ 4B5136

■ 4D513E

■ 4F5146

■ 50514E

■ 525156

Harmonies

Analogous

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



5F4806



42510D



175726

Triad

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



42510D



00577C



7F2E52

Complementary

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



42510D



1C0D51

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.



6B386F



42510D



005088

Square

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



42510D



005964



414583



813034

Rectangle

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



42510D



00593A



414583



7A305C

Sweetspot

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



42510D



63694E



511C0D



323625



B5B5B5



363636

Same Dimension

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



42510D



516900



20510D



282925



B5E800

Inverse Universe

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



1C0D51



170069



3E0D51



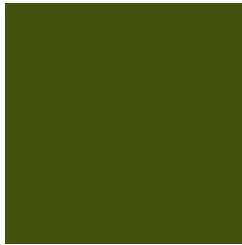
262529



3300E8

Previews

White Background



This preview shows how the Hex color 42510D 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

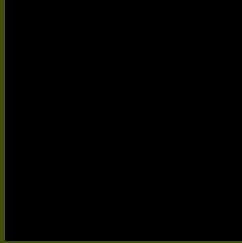
Any Text WCAG AA × Fail

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 42510D Background



This preview shows how black text looks on a background with the Hex color 42510D.



This preview shows how white text looks on a background with the Hex color 42510D.

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
42510D

Protanopia
554B0B

Deuteranopia
5F4713



Tritanopia
494B51

Trichromacy



Original Color
42510D

Protanomaly
4E4D0C

Deuteranomaly
544B11

Tritanomaly
464D38

Monochromacy



Original Color
42510D

Achromatopsia
454545

Achromatomaly
444931

CSS Examples

Text

The CSS property to change the color of the text to Hex 42510D 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 #42510D looks like.

```
.text, #text, p{  
    color:#42510D  
}
```

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 #42510D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42510D
}
```

Border

The CSS property to change the border of an element to Hex 42510D is called "border". The border property can be set on classes, ids or directly on the HTML element.

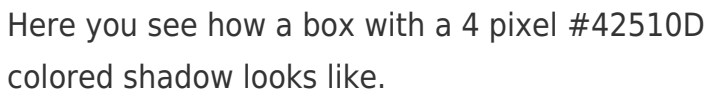
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42510D }
```

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

```
.border{ border-color:#42510D }
```

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



Here you see how a box with a 4 pixel #42510D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42510D; -webkit-box-shadow:4px 4px  
4px 4px #42510D; box-shadow:4px 4px 4px  
4px #42510D }
```

Background

The CSS property to change the background color of an element to Hex 42510D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42510D }
```

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

```
.background{ background-color:#42510D }
```

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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