

Converting Colors

Hex(47562A)

Have a look what the booklet for
Hex(47562A) contains.

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Color

Hex(47562A)

Conversions

Conversions Part 1	
Format	Color
Hex	47562A
RGB	71, 86, 42
RGB Percent	28%, 34%, 16%
CMY	0.7216, 0.6627, 0.8353
CMYK	0.17, 0.00, 0.51, 0.66
HSL	80°, 34%, 25%
HSV	80°, 51%, 34%
XYZ	6.3442, 8.1623, 3.4316
YIQ	76.4990, 5.1840, -16.8640

Conversions

Conversions Part 2

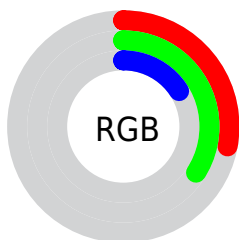
Format	Color
RYB	42, 86, 57
Decimal	4675114
CIELab	34.32, -14.07, 23.58
CIELCh	34, 27.459, 120.819
Yxy	8.1623, 0.3537, 0.4550
Android (android.graphics.Color)	4282865194 (0xFF47562A)
YUV	76.4990, -17.0080, -4.8226
Hunter-Lab	28.5698, -10.3593, 12.8774

Details

The Hex color **47562A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **392A56**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **788859**, and **1B2900** is the 20% darker color. If you saturate the color by 10%, you get **445621**, and if you desaturate by 10%, it is **4A5633**.

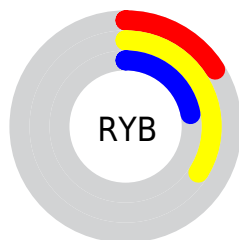
Distribution



Red (28%)

Green (34%)

Blue (16%)



Red (16%)

Yellow (34%)

Blue (22%)

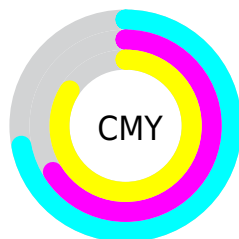


Cyan (17%)

Magenta (0%)

Yellow (51%)

Black (66%)



Cyan (72%)

Magenta (66%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47562A 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 47562A by changing the saturation by 10% instead.

 47562A

 47562A

FFFFFF

 303F14

 788859

 1B2900

 92A271

 001600

 ADBD8B

 000000

 C9D9A5

 E5F5C1

 FFFFDD

 FFFFF9

 47562A

 47562A

 445621

 4A5633

 415619

 4D563B

 3E5610

 505644

 3B5608

 53564C

 395600

 565655

 59565E

 5C5666

 5E566F

 615677

Harmonies

Analogous

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



5D5024



47562A



2B5A3B

Triad

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



47562A



005876



793F51

Complementary

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



47562A



392A56

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.



6C4366



47562A



2D537C

Square

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



47562A



005B66



534B76



79413C

Rectangle

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



47562A



105C49



534B76



763F58

Sweetspot

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



47562A



6A705F



56392A



35382E



B8B8B8



383838

Same Dimension

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



47562A



59702C



31562A



2A2B27



476B00



9BEB00

Inverse Universe

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



392A56



432C70



4F2A56



28272B



25006B



5000EB

Previews

White Background



This preview shows how the Hex color 47562A 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



This preview shows how the Hex color 47562A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

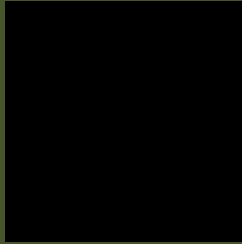
Any Text WCAG AA × Fail

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 47562A Background



This preview shows how black text looks on a background with the Hex color 47562A.



This preview shows how white text looks on a background with the Hex color 47562A.

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

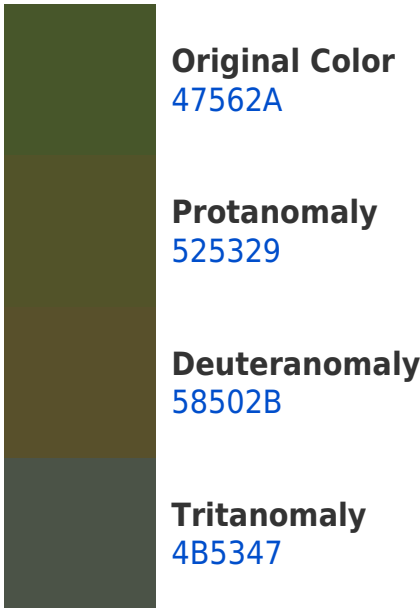


Original Color
[47562A](#)

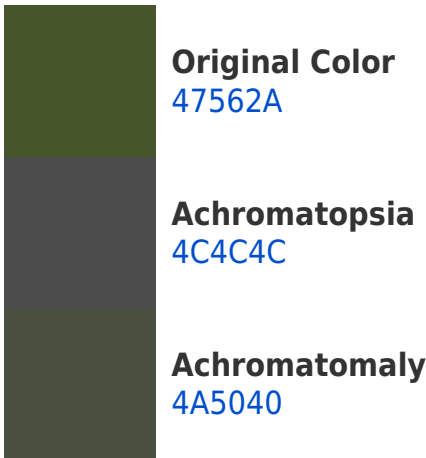
Protanopia
[595128](#)

Deuteranopia
[624D2C](#)

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47562A 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 #47562A looks like.

```
.text, #text, p{  
    color:#47562A  
}
```

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 #47562A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47562A
}
```

Border

The CSS property to change the border of an element to Hex 47562A 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
#47562A }
```

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

```
.border{ border-color:#47562A }
```

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

Here you see how a box with a 4 pixel #47562A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47562A; -webkit-box-shadow:4px 4px  
4px 4px #47562A; box-shadow:4px 4px 4px  
4px #47562A }
```

Background

The CSS property to change the background color of an element to Hex 47562A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47562A }
```

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

```
.background{ background-color:#47562A }
```

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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