

Converting Colors

Hex(78602D)

Have a look what the booklet for
Hex(78602D) contains.

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Color

Hex(78602D)

Conversions

Conversions Part 1

Format	Color
Hex	78602D
RGB	120, 96, 45
RGB Percent	47%, 38%, 18%
CMY	0.5294, 0.6235, 0.8235
CMYK	0.00, 0.20, 0.62, 0.53
HSL	41°, 45%, 32%
HSV	41°, 62%, 47%
XYZ	12.4023, 12.5483, 4.2510
YIQ	97.3620, 30.6750, -10.7730

Conversions

Conversions Part 2

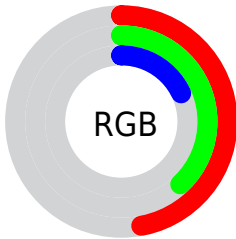
Format	Color
R_{YB}	80, 120, 45
Decimal	7888941
CIE _{Lab}	42.07, 3.28, 32.28
CIE _{LCh}	42, 32.447, 84.192
Yxy	12.5483, 0.4247, 0.4297
Android (android.graphics.Color)	4286079021 (0xFF78602D)
YUV	97.3620, -25.8145, 19.8535
Hunter-Lab	35.4235, 0.5040, 17.6814

Details

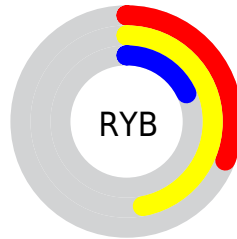
The Hex color **78602D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2D4578**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **AE925D**, and **453200** is the 20% darker color. If you saturate the color by 10%, you get **785C21**, and if you desaturate by 10%, it is **786439**.

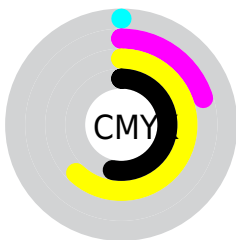
Distribution



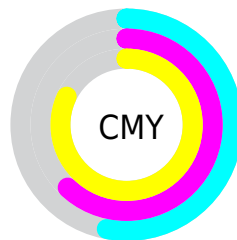
- Red (47%)
- Green (38%)
- Blue (18%)



- Red (31%)
- Yellow (47%)
- Blue (18%)



- Cyan (0%)
- Magenta (20%)
- Yellow (62%)
- Black (53%)



- Cyan (53%)
- Magenta (62%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78602D 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 78602D by changing the saturation by 10% instead.

 78602D

 78602D

FFFFFF

 5E4816

 AE925D

 453200

 CBAD76

 2C1D00

 E7C890

 120500

 FFE4AB

 000000

 FFFFC6

 FFFFE2

 78602D

 78602D

 785C21

 786439

■ 785815

■ 786845

■ 785409

■ 786C51

■ 785200

■ 786F5D

■ 787369

■ 787775

■ 787B81

■ 787F8D

■ 788399

Harmonies

Analogous

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



8C5639



78602D



5E6831

Triad

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



78602D



007178



805483

Complementary

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



78602D



2D4578

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.



5D5E94



78602D



006E8E

Square

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



78602D



03715D



286898



924E6A

Rectangle

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



78602D



496C3C



286898



76578A

Sweetspot

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



78602D



9C927E



782D46



4F493D



CFCFCF



4F4F4F

Same Dimension

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



78602D



9C7627



6B782D



3D3B37



7D5500



FCAC00

Inverse Universe

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



2D4578



274C9C



392D78



37393D



00287D



0051FC

Previews

White Background



This preview shows how the Hex color 78602D looks on a white background.

Color Contrast Check

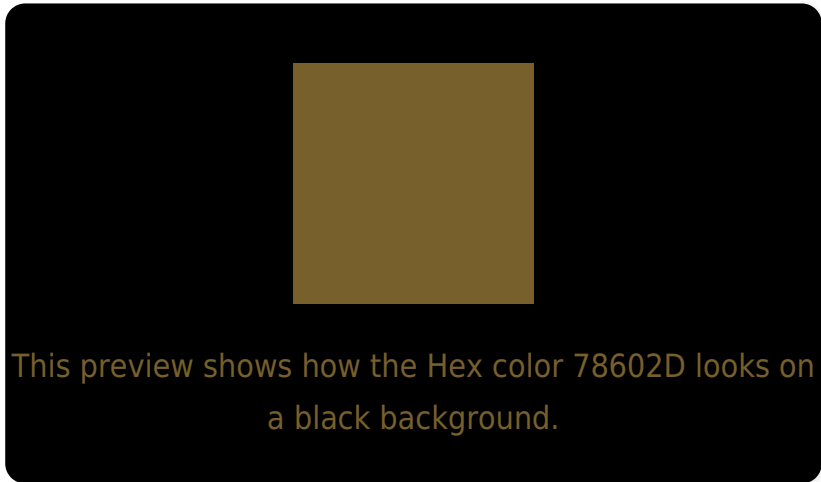
Large Text (above 18pt) WCAG AA ✓ Pass

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

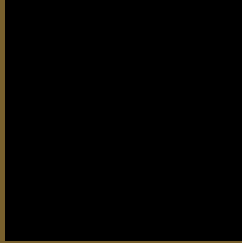
Any Text WCAG AA × Fail

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 78602D Background



This preview shows how black text looks on a background with the Hex color 78602D.



This preview shows how white text looks on a background with the Hex color 78602D.

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
78602D

Protanopia
6E642E

Deuteranopia
7B5F2D



Tritanopia
7C5A61

Trichromacy



Original Color
78602D

Protanomaly
72632E

Deuteranomaly
7A5F2D

Tritanomaly
7B5C4E

Monochromacy



Original Color
78602D

Achromatopsia
616161

Achromatomaly
69614E

CSS Examples

Text

The CSS property to change the color of the text to Hex 78602D 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 #78602D looks like.

```
.text, #text, p{  
    color:#78602D  
}
```

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 #78602D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78602D
}
```

Border

The CSS property to change the border of an element to Hex 78602D 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
#78602D }
```

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

```
.border{ border-color:#78602D }
```

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

Here you see how a box with a 4 pixel #78602D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78602D; -webkit-box-shadow:4px 4px  
4px 4px #78602D; box-shadow:4px 4px 4px  
4px #78602D }
```

Background

The CSS property to change the background color of an element to Hex 78602D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78602D }
```

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

```
.background{ background-color:#78602D }
```

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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