

Converting Colors

Hex(7F2D00)

Have a look what the booklet for
Hex(7F2D00) contains.

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Color

Hex(7F2D00)

Conversions

Conversions Part 1

Format	Color
Hex	7F2D00
RGB	127, 45, 0
RGB Percent	50%, 18%, 0%
CMY	0.5020, 0.8235, 1.0000
CMYK	0.00, 0.65, 1.00, 0.50
HSL	21°, 100%, 25%
HSV	21°, 100%, 50%
XYZ	9.6908, 6.3888, 0.7224
YIQ	64.3880, 63.3170, 3.3890

Conversions

Conversions Part 2

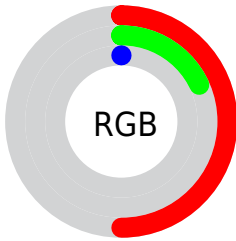
Format	Color
RYB	127, 70, 0
Decimal	8334592
CIELab	30.37, 33.70, 42.03
CIElCh	30, 53.876, 51.279
Yxy	6.3888, 0.5768, 0.3802
Android (android.graphics.Color)	4286524672 (0xFF7F2D00)
YUV	64.3880, -31.7433, 54.9107
Hunter-Lab	25.2761, 24.2033, 15.9987

Details

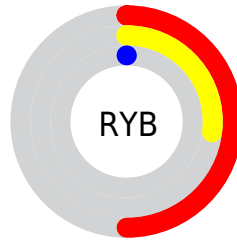
The Hex color **7F2D00** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **00527F**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **BA5E31**, and **460000** is the 20% darker color. If you saturate the color by 10%, you get **7F2D00**, and if you desaturate by 10%, it is **7F350D**.

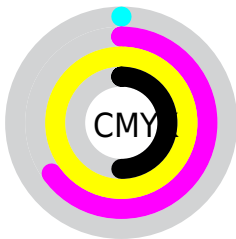
Distribution



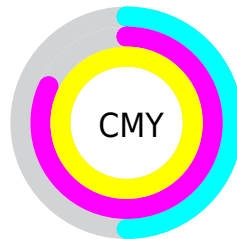
- Red (50%)
- Green (18%)
- Blue (0%)



- Red (50%)
- Yellow (27%)
- Blue (0%)



- Cyan (0%)
- Magenta (65%)
- Yellow (100%)
- Black (50%)



- Cyan (50%)
- Magenta (82%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F2D00 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 7F2D00 by changing the saturation by 10% instead.

 7F2D00

 7F2D00

 FFFFE8

 621400

 BA5E31

 460000

 D87848

 2E0001

 F79261

 000000

 FFAD7B

 FFC995

 FFE5B0

 FFFFCB

 7F2D00

 7F350D

 7F3D19

 7F4626

 7F4E33

 7F5640

 7F5E4C

 7F6659

 7F6F66

 7F7772

Harmonies

Analogous

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



8E122C



7F2D00



634100

Triad

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



7F2D00



005839



1D4297

Complementary

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



7F2D00



00527F

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.



00519B



7F2D00



005965

Square

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



7F2D00



005509



005789



6C2B7D

Rectangle

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



7F2D00



4A4B00



005789



00489B

Sweetspot

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



7F2D00



A68674



7F0053



544136



D4D4D4



545454

Same Dimension

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



7F2D00



A63B00



7F6C00



403C39



802D00



000000

Inverse Universe

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



00527F



006BA6



00137F



393D40



005280



000000

Previews

White Background



This preview shows how the Hex color 7F2D00 looks on a white background.

Color Contrast Check

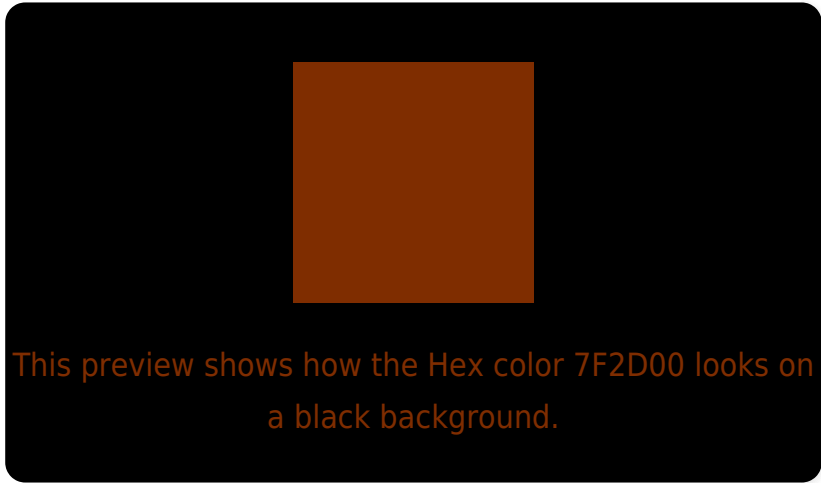
Large Text (above 18pt) WCAG AA ✓ Pass

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

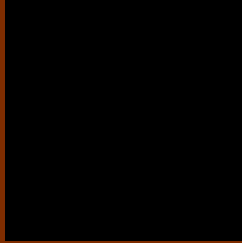
Any Text WCAG AA × Fail

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 7F2D00 Background



This preview shows how black text looks on a background with the Hex color 7F2D00.



This preview shows how white text looks on a background with the Hex color 7F2D00.

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

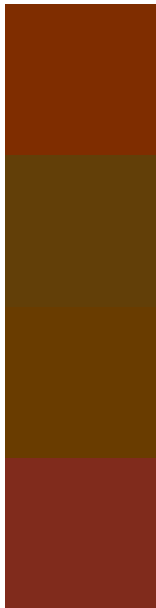


Original Color
7F2D00

Protanopia
52490D

Deuteranopia
5C4500

Trichromacy



Original Color
7F2D00

Protanomaly
623F08

Deuteranomaly
693C00

Tritanomaly
802B1C

Monochromacy



Original Color
7F2D00

Achromatopsia
404040

Achromatomaly
573929

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F2D00 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 #7F2D00 looks like.

```
.text, #text, p{  
    color:#7F2D00  
}
```

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 #7F2D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F2D00
}
```

Border

The CSS property to change the border of an element to Hex 7F2D00 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
#7F2D00 }
```

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

```
.border{ border-color:#7F2D00 }
```

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

Here you see how a box with a 4 pixel #7F2D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F2D00; -webkit-box-shadow:4px 4px  
4px 4px #7F2D00; box-shadow:4px 4px 4px  
4px #7F2D00 }
```

Background

The CSS property to change the background color of an element to Hex 7F2D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F2D00 }
```

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

```
.background{ background-color:#7F2D00 }
```

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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