

# Converting Colors

Hex(782900)

Have a look what the booklet for  
Hex(782900) contains.

<b>Hex(782900)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(782900)**

# Conversions

## Conversions Part 1

Format	Color
Hex	782900
RGB	120, 41, 0
RGB Percent	47%, 16%, 0%
CMY	0.5294, 0.8392, 1.0000
CMYK	0.00, 0.66, 1.00, 0.53
HSL	20°, 100%, 24%
HSV	20°, 100%, 47%
XYZ	8.5387, 5.5789, 0.6268
YIQ	59.9470, 60.2450, 3.9970

# Conversions

## Conversions Part 2

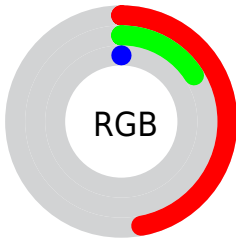
Format	Color
<a href="#">RYB</a>	120, 62, 0
Decimal	7874816
CIELab	28.32, 32.88, 39.87
CIELCh	28, 51.679, 50.487
Yxy	5.5789, 0.5791, 0.3784
Android (android.graphics.Color)	4286064896 (0xFF782900)
YUV	59.9470, -29.5539, 52.6665
Hunter-Lab	23.6198, 23.1940, 14.9605

# Details

The Hex color **782900** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **004F78**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **B35A30**, and **3F0000** is the 20% darker color. If you saturate the color by 10%, you get **782900**, and if you desaturate by 10%, it is **78310C**.

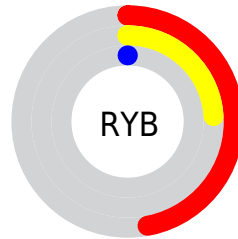
# Distribution



Red (47%)

Green (16%)

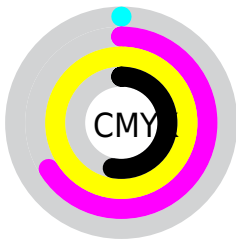
Blue (0%)



Red (47%)

Yellow (24%)

Blue (0%)

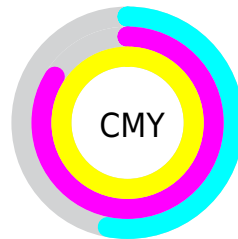


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (53%)



Cyan (53%)

Magenta (84%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 782900 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 782900 by changing the saturation by 10% instead.



 782900

 782900

 FFFFE6

 5C1000

 B35A30

 3F0000

 D17348

 270001

 EF8E60

 000000

 FFA879

 FFC494

 FFE0AE

 FFFDCA

 782900

 78310C

 783918

 784124

 784930

 78513C

 785848

 786054

 786860

 78706C

# Harmonies

## Analogous

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



860F2A



782900



5D3D00

# Triad

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



782900



005334



153E8E

# Complementary

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



782900



004F78

# 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.



004C92



782900



00545E

# Square

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



782900



005006



005280



652876

# Rectangle

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



782900



464600



005280



004392



# Sweetspot

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



782900



9C7D6D



780050



4F3C33



CFCFCF



4F4F4F



# Same Dimension

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



782900



9C3500



786400



3D3937



7D2B00



FC5600



# Inverse Universe

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



004F78



00669C



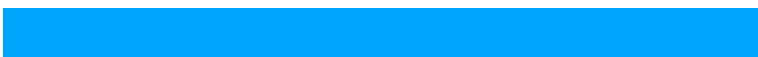
001478



373B3D



00527D

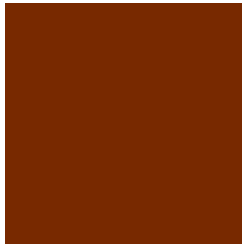


00A6FC



# Previews

## White Background



This preview shows how the Hex color 782900 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 782900 Background



This preview shows how black text looks on a background with the Hex color 782900.



This preview shows how white text looks on a background with the Hex color 782900.

# 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



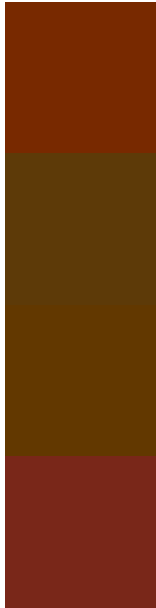
**Original Color**  
782900

**Protanopia**  
4D440D

**Deuteranopia**  
564100



# Trichromacy



**Original Color**  
782900

**Protanomaly**  
5D3A08

**Deuteranomaly**  
623800

**Tritanomaly**  
792719

# Monochromacy



**Original Color**  
782900

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
523526

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 782900 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 #782900 looks like.

```
.text, #text, p{  
    color:#782900  
}
```

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 #782900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #782900
}
```

## Border

The CSS property to change the border of an element to Hex 782900 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
#782900 }
```

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

```
.border{ border-color:#782900 }
```

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

Here you see how a box with a 4 pixel #782900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #782900; -webkit-box-shadow:4px 4px  
4px 4px #782900; box-shadow:4px 4px 4px  
4px #782900 }
```

# Background

The CSS property to change the background color of an element to Hex 782900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#782900 }
```

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

```
.background{ background-color:#782900 }
```

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