

# Converting Colors

Hex(7D1932)

Have a look what the booklet for  
Hex(7D1932) contains.

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# Color

**Hex(7D1932)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D1932
RGB	125, 25, 50
RGB Percent	49%, 10%, 20%
CMY	0.5098, 0.9020, 0.8039
CMYK	0.00, 0.80, 0.60, 0.51
HSL	345°, 67%, 29%
HSV	345°, 80%, 49%
XYZ	9.3808, 5.2855, 3.5434
YIQ	57.7500, 51.5750, 28.9750

# Conversions

## Conversions Part 2

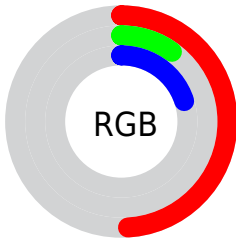
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 25, 50
Decimal	8198450
CIE Lab	27.53, 43.42, 11.20
CIE LCh	28, 44.846, 14.468
Yxy	5.2855, 0.5152, 0.2903
Android (android.graphics.Color)	4286388530 (0xFF7D1932)
YUV	57.7500, -3.8207, 58.9783
Hunter-Lab	22.9903, 32.6010, 6.9551

# Details

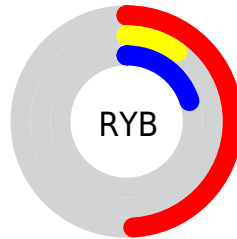
The Hex color **7D1932** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **197D64**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **B64F60**, and **460003** is the 20% darker color. If you saturate the color by 10%, you get **7D0C29**, and if you desaturate by 10%, it is **7D263B**.

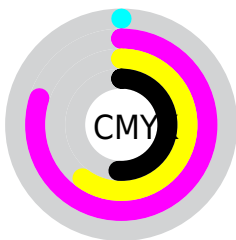
# Distribution



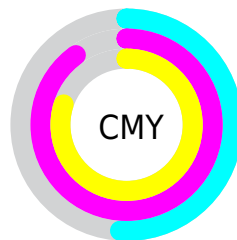
- Red (49%)
- Green (10%)
- Blue (20%)



- Red (49%)
- Yellow (10%)
- Blue (20%)



- Cyan (0%)
- Magenta (80%)
- Yellow (60%)
- Black (51%)



- Cyan (51%)
- Magenta (90%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D1932 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 7D1932 by changing the saturation by 10% instead.



 7D1932

 7D1932

FFFFFF

 61001D

 B64F60

 460003

 D46979

 2D0001

 F28492

 000000

 FF9FAD

 FFBBC8

 FFD7E4

 FFF4FF

 7D1932

 7D1932

■ 7D0C29

■ 7D263B

■ 7D001F

■ 7D3245

■ 7D3F4E

■ 7D4B57

■ 7D5761

■ 7D646A

■ 7D7174

■ 7D7D7D

■ 7D8A86

# Harmonies

## Analogous

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



751D54



7D1932



742811

# Triad

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



7D1932



154C08



004A84

# Complementary

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



7D1932



197D64

# 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.



004F71



7D1932



004F2D

# Square

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



7D1932



414500



005051



004084

# Rectangle

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



7D1932



673400



005051



004C7F



# Sweetspot

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



7D1932



A37C86



64197D



523A40



D1D1D1



525252



# Same Dimension

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



7D1932



A3072E



7D3219



40393B



800020



000000



# Inverse Universe

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



7D1932



A3072E



19647D



40393B



800020

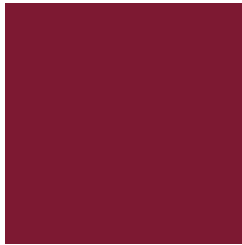


000000



# Previews

## White Background



This preview shows how the Hex color 7D1932 looks on a white background.

## Color Contrast Check

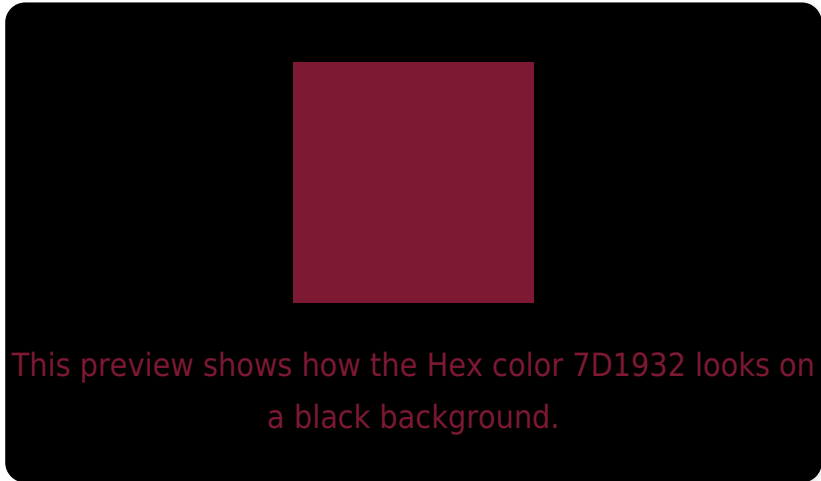
Large Text (above 18pt) WCAG AA ✓ Pass

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 7D1932 Background



This preview shows how black text looks on a background with the Hex color 7D1932.



This preview shows how white text looks on a background with the Hex color 7D1932.

# 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**  
7D1932

**Protanopia**  
434245

**Deuteranopia**  
50402D



# Trichromacy



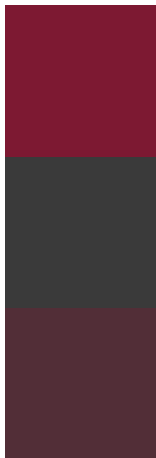
**Original Color**  
7D1932

**Protanomaly**  
58333E

**Deuteranomaly**  
60322F

**Tritanomaly**  
7C1C25

# Monochromacy



**Original Color**  
7D1932

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
522E37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D1932 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 #7D1932 looks like.

```
.text, #text, p{  
    color:#7D1932  
}
```

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 #7D1932 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D1932
}
```

## Border

The CSS property to change the border of an element to Hex 7D1932 is called "border". The border property can be set on classes, ids or directly on the HTML element.

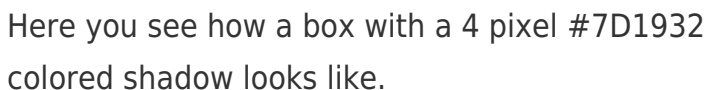
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D1932 }
```

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

```
.border{ border-color:#7D1932 }
```

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



Here you see how a box with a 4 pixel #7D1932 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D1932; -webkit-box-shadow:4px 4px  
4px 4px #7D1932; box-shadow:4px 4px 4px  
4px #7D1932 }
```

# Background

The CSS property to change the background color of an element to Hex 7D1932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D1932 }
```

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

```
.background{ background-color:#7D1932 }
```

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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