

Converting Colors

Hex(781F18)

Have a look what the booklet for
Hex(781F18) contains.

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Color

Hex(781F18)

Conversions

Conversions Part 1

Format	Color
Hex	781F18
RGB	120, 31, 24
RGB Percent	47%, 12%, 9%
CMY	0.5294, 0.8784, 0.9059
CMYK	0.00, 0.74, 0.80, 0.53
HSL	4°, 67%, 28%
HSV	4°, 80%, 47%
XYZ	8.4006, 5.0390, 1.3940
YIQ	56.8130, 55.2910, 16.6910

Conversions

Conversions Part 2

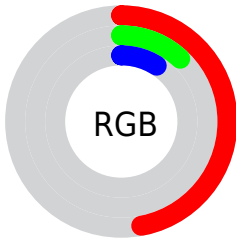
Format	Color
RYB	120, 32, 24
Decimal	7872280
CIELab	26.85, 38.04, 27.08
CIELCh	27, 46.698, 35.449
Yxy	5.0390, 0.5663, 0.3397
Android (android.graphics.Color)	4286062360 (0xFF781F18)
YUV	56.8130, -16.1768, 55.4150
Hunter-Lab	22.4477, 27.5165, 12.0314

Details

The Hex color **781F18** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **187178**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **B25244**, and **400000** is the 20% darker color. If you saturate the color by 10%, you get **78140C**, and if you desaturate by 10%, it is **782A24**.

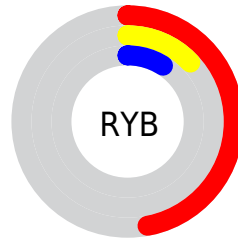
Distribution



Red (47%)

Green (12%)

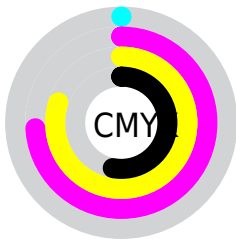
Blue (9%)



Red (47%)

Yellow (13%)

Blue (9%)

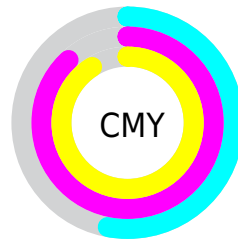


Cyan (0%)

Magenta (74%)

Yellow (80%)

Black (53%)



Cyan (53%)

Magenta (88%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 781F18 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 781F18 by changing the saturation by 10% instead.

 781F18

 781F18

FFFFFC

 5C0000


 B25244

 400000

 D06C5B

 260001

 EE8674

 000000

 FFA18E

 FFBCA8

 FFD9C4

 FFF5E0

 781F18

 781F18

■ 78140C

■ 782A24

■ 780900

■ 783530

■ 78403C

■ 784B48

■ 785754

■ 786260

■ 786D6C

■ 787878

■ 788384

Harmonies

Analogous

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



7D113B



781F18



653200

Triad

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



781F18



004D20



004287

Complementary

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



781F18



187178

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.



004B81



781F18



004F45

Square

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



781F18



224900



004E68



46327A

Rectangle

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



781F18



533C00



004E68



004687

Sweetspot

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



781F18



9C7976



781872



4F3A38



CFCFCF



4F4F4F

Same Dimension

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



781F18



9C1106



784E18



3D3837



7D0900



FC1200

Inverse Universe

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



187178



06919C



184278



373D3D



00747D



00EAFC

Previews

White Background



This preview shows how the Hex color 781F18 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 781F18 Background



This preview shows how black text looks on a background with the Hex color 781F18.

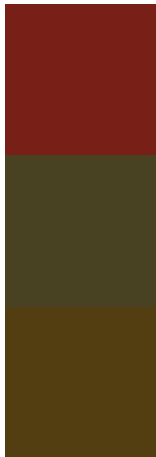


This preview shows how white text looks on a background with the Hex color 781F18.

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
781F18

Protanopia
484122

Deuteranopia
523E10

Trichromacy



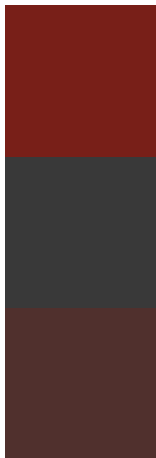
Original Color
781F18

Protanomaly
59351E

Deuteranomaly
603313

Tritanomaly
781E1C

Monochromacy



Original Color
781F18

Achromatopsia
393939

Achromatomaly
50302D

CSS Examples

Text

The CSS property to change the color of the text to Hex 781F18 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 #781F18 looks like.

```
.text, #text, p{  
    color:#781F18  
}
```

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 #781F18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #781F18 }  
}
```

Border

The CSS property to change the border of an element to Hex 781F18 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".

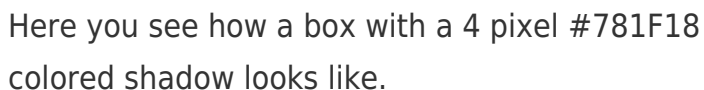
```
.border, #border, table{ border:4px solid #781F18 }  
}
```

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

```
.border{ border-color:#781F18 }
```

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

Here you see how a box with a 4 pixel #781F18 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #781F18 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #781F18; -webkit-box-shadow:4px 4px  
4px 4px #781F18; box-shadow:4px 4px 4px  
4px #781F18 }
```

Background

The CSS property to change the background color of an element to Hex 781F18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#781F18 }
```

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

```
.background{ background-color:#781F18 }
```

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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