

Converting Colors

Hex(780318)

Have a look what the booklet for
Hex(780318) contains.

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Color

Hex(780318)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 780318 |
| RGB | 120, 3, 24 |
| RGB Percent | 47%, 1%, 9% |
| CMY | 0.5294, 0.9882, 0.9059 |
| CMYK | 0.00, 0.98, 0.80, 0.53 |
| HSL | 349°, 95%, 24% |
| HSV | 349°, 98%, 47% |
| XYZ | 7.9432, 4.1241, 1.2415 |
| YIQ | 40.3770, 62.9910, 31.3350 |

Conversions

Conversions Part 2

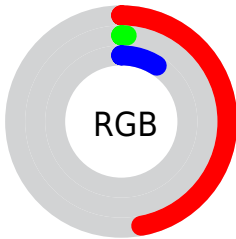
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 120, 3, 24 |
| Decimal | 7865112 |
| CIELab | 24.08, 45.85, 24.08 |
| CIELCh | 24, 51.794, 27.710 |
| Yxy | 4.1241, 0.5968, 0.3099 |
| Android (android.graphics.Color) | 4286055192 (0xFF780318) |
| YUV | 40.3770, -8.0739, 69.8294 |
| Hunter-Lab | 20.3080, 34.2786, 10.5909 |

Details

The Hex color **780318** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **037863**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **B34243**, and **3F0000** is the 20% darker color. If you saturate the color by 10%, you get **780016**, and if you desaturate by 10%, it is **780F22**.

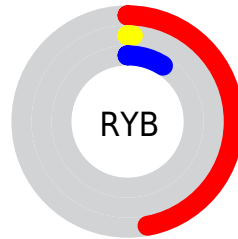
Distribution



Red (47%)

Green (1%)

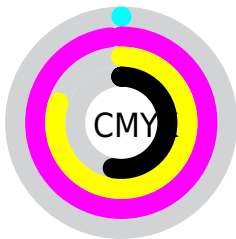
Blue (9%)



Red (47%)

Yellow (1%)

Blue (9%)

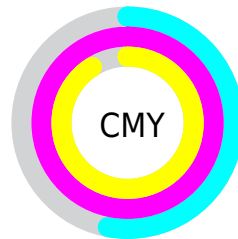


Cyan (0%)

Magenta (98%)

Yellow (80%)

Black (53%)



Cyan (53%)

Magenta (99%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 780318 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 780318 by changing the saturation by 10% instead.

 780318

 780318

 FFFFFB

 5C0000

 B34243

 3F0000

 D15D5A

 220001

 EF7773

 000000

 FF928C

 FFAEA7

 FFCAC2

 FFE7DE

 780318

 780318

■ 780016

■ 780F22

■ 781B2C

■ 782736

■ 78333F

■ 783F49

■ 784B53

■ 78575D

■ 786367

■ 786F71

Harmonies

Analogous

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



79003E



780318



672400

Triad

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



780318



004609



004088

Complementary

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



780318



037863

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.



00477C



780318



004935

Square

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



780318



244100



00495D



28307F

Rectangle

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



780318



543200



00495D



004386

Sweetspot

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



780318



9C6E77



630378



4F3338



CFCFCF



4F4F4F

Same Dimension

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



780318



9C001C



782803



3D3738



7D0016



FC002D

Inverse Universe

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



780318



9C001C



035378



3D3738



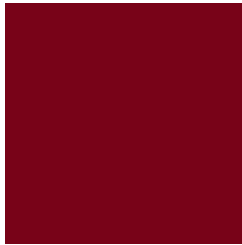
7D0016



FC002D

Previews

White Background



This preview shows how the Hex color 780318 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 780318 Background



This preview shows how black text looks on a background with the Hex color 780318.



This preview shows how white text looks on a background with the Hex color 780318.

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
780318

Protanopia
423D25

Deuteranopia
4C3A0F



Tritanopia
780A00

Trichromacy



Original Color
780318

Protanomaly
562820

Deuteranomaly
5C2612

Tritanomaly
780709

Monochromacy



Original Color
780318

Achromatopsia
282828

Achromatomaly
451B22

CSS Examples

Text

The CSS property to change the color of the text to Hex 780318 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 #780318 looks like.

```
.text, #text, p{  
    color:#780318  
}
```

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 #780318 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #780318
}
```

Border

The CSS property to change the border of an element to Hex 780318 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
#780318 }
```

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

```
.border{ border-color:#780318 }
```

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

Here you see how a box with a 4 pixel #780318 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #780318; -webkit-box-shadow:4px 4px  
4px 4px #780318; box-shadow:4px 4px 4px  
4px #780318 }
```

Background

The CSS property to change the background color of an element to Hex 780318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#780318 }
```

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

```
.background{ background-color:#780318 }
```

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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