

Converting Colors

Hex(77D51F)

Have a look what the booklet for
Hex(77D51F) contains.

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Color

Hex(77D51F)

Conversions

Conversions Part 1

Format	Color
Hex	77D51F
RGB	119, 213, 31
RGB Percent	47%, 84%, 12%
CMY	0.5333, 0.1647, 0.8784
CMYK	0.44, 0.00, 0.85, 0.16
HSL	91°, 75%, 48%
HSV	91°, 85%, 84%
XYZ	31.6493, 51.6094, 9.5898
YIQ	164.1460, 2.3980, -76.5300

Conversions

Conversions Part 2

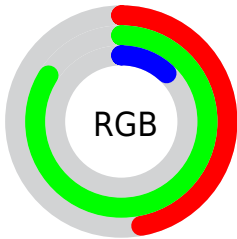
Format	Color
RYB	31, 213, 125
Decimal	7853343
CIELab	77.05, -54.50, 71.44
CIELCh	77, 89.858, 127.340
Yxy	51.6094, 0.3409, 0.5558
Android (android.graphics.Color)	4286043423 (0xFF77D51F)
YUV	164.1460, -65.6410, -39.5930
Hunter-Lab	71.8397, -47.0803, 42.3732

Details

The Hex color **77D51F** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **7D1FD5**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **B2FF60**, and **389D00** is the 20% darker color. If you saturate the color by 10%, you get **6CD50A**, and if you desaturate by 10%, it is **82D534**.

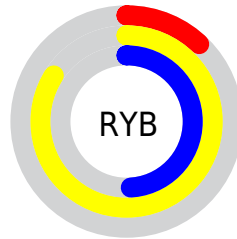
Distribution



Red (47%)

Green (84%)

Blue (12%)



Red (12%)

Yellow (84%)

Blue (49%)

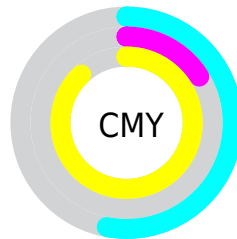


Cyan (44%)

Magenta (0%)

Yellow (85%)

Black (16%)



Cyan (53%)

Magenta (16%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77D51F 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 77D51F by changing the saturation by 10% instead.

 77D51F

 77D51F

FFFFFF

 59B900

 B2FF60

 389D00

 D0FF7C

 088300

 EEFF99

 006900

 FFFFB6

 005000

 FFFFD3

 003800

 FFFFF0

 002000

 000000

 77D51F

 77D51F

 6CD50A

 82D534

 67D500

 8DD54A

 98D55F

 A3D574

 AED58A

 B9D59F

 C4D5B4

 CFD5C9

 DAD5DF

Harmonies

Analogous

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



D1C100



77D51F



00E07A

Triad

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



77D51F



00D8FF



FF61AD

Complementary

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



77D51F



7D1FD5

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.



FF74FF



77D51F



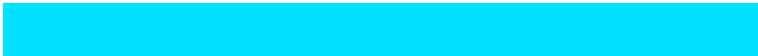
00C2FF

Square

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



77D51F



00E2FF



D99EFF



FF7B5D

Rectangle

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



77D51F



00E3B4



D99EFF



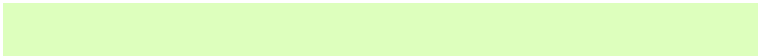
FF62C9

Sweetspot

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



77D51F



DFFBD



D57A1F



6B8058



000000



808080

Same Dimension

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



77D51F



7BFF00



1FD51F



666B60



53AB00



152B00

Inverse Universe

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



7D1FD5



8400FF



D51FD5



66606B



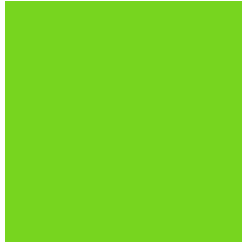
5800AB



16002B

Previews

White Background



This preview shows how the Hex color 77D51F looks on a white background.

Color Contrast Check

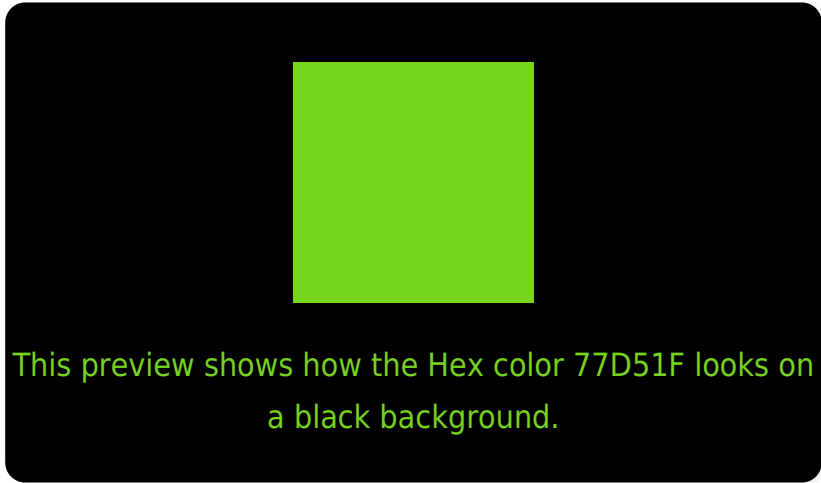
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 77D51F Background



This preview shows how black text looks on a background with the Hex color 77D51F.

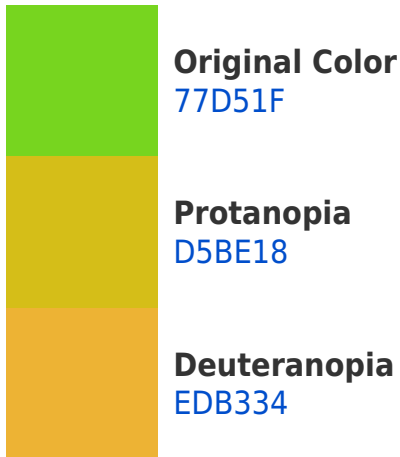


This preview shows how white text looks on a background with the Hex color 77D51F.

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](#).

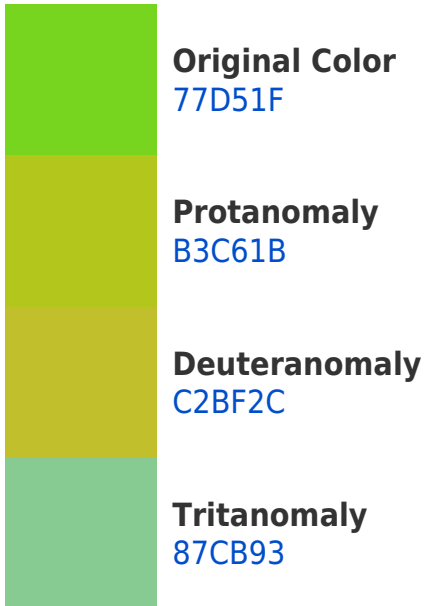
Dichromacy



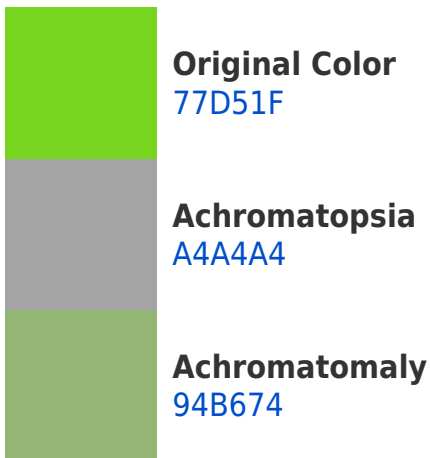


Tritanopia
90C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77D51F 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 #77D51F looks like.

```
.text, #text, p{  
    color:#77D51F  
}
```

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 #77D51F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77D51F
}
```

Border

The CSS property to change the border of an element to Hex 77D51F 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
#77D51F }
```

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

```
.border{ border-color:#77D51F }
```

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

Here you see how a box with a 4 pixel #77D51F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77D51F; -webkit-box-shadow:4px 4px  
4px 4px #77D51F; box-shadow:4px 4px 4px  
4px #77D51F }
```

Background

The CSS property to change the background color of an element to Hex 77D51F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77D51F }
```

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

```
.background{ background-color:#77D51F }
```

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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