

# Converting Colors

Hex(79FF0A)

Have a look what the booklet for  
Hex(79FF0A) contains.

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**Color**

**Hex(79FF0A)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 79FF0A                       |
| RGB         | 121, 255, 10                 |
| RGB Percent | 47%, 100%, 4%                |
| CMY         | 0.5255, 0.0000, 0.9608       |
| CMYK        | 0.53, 0.00, 0.96, 0.00       |
| HSL         | 93°, 100%, 52%               |
| HSV         | 93°, 96%, 100%               |
| XYZ         | 43.6999, 75.6069, 12.5775    |
| YIQ         | 187.0040, -1.2190, -104.6030 |

# Conversions

## Conversions Part 2

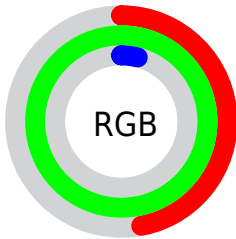
| Format                              | Color                           |
|-------------------------------------|---------------------------------|
| R <sub>YB</sub>                     | 10, 255, 144                    |
| Decimal                             | 7995146                         |
| CIE Lab                             | 89.68, -69.59, 84.80            |
| CIE LCh                             | 90, 109.699, 129.376            |
| Yxy                                 | 75.6069, 0.3314,<br>0.5733      |
| Android<br>(android.graphics.Color) | 4286185226<br>(0xFF79FF0A)      |
| YUV                                 | 187.0040, -87.2630,<br>-57.8855 |
| Hunter-Lab                          | 86.9522, -62.4568,<br>52.2903   |

# Details

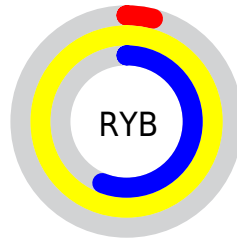
The Hex color **79FF0A** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **900AFF**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **B9FF5F**, and **2EC500** is the 20% darker color. If you saturate the color by 10%, you get **74FF00**, and if you desaturate by 10%, it is **87FF23**.

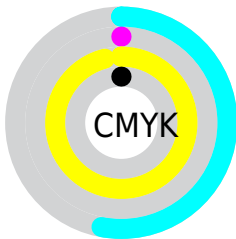
# Distribution



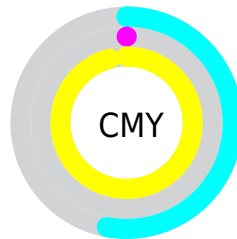
- Red (47%)
- Green (100%)
- Blue (4%)



- Red (4%)
- Yellow (100%)
- Blue (56%)



- Cyan (53%)
- Magenta (0%)
- Yellow (96%)
- Black (0%)



- Cyan (53%)
- Magenta (0%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79FF0A 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 79FF0A by changing the saturation by 10% instead.



 79FF0A

 79FF0A

FFFFFF

 57E200

 B9FF5F

 2EC500

 D8FF7E

 00A900


 F7FF9C

 008E00

 FFFFBA

 007300

 FFFFD8

 005900

 FFFFF6

 004000

 002700

 000000

 79FF0A

 79FF0A

 74FF00

 87FF23

 95FF3D

 A3FF57

 B1FF70

 BFFF8A

 CDFFA3

 DBFFBD

 E9FFD6

 F7FFF0

# Harmonies

## Analogous

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



F1E800



79FF0A



00FF93

# Triad

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



79FF0A



00FFFF



FF62C5

# Complementary

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



79FF0A



900AFF

# 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.



FF7BFF



79FF0A



00E4FF

# Square

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



79FF0A



00FFFF



FFB4FF



FF8C60

# Rectangle

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



79FF0A



00FFDC



FFB4FF



FF62E8

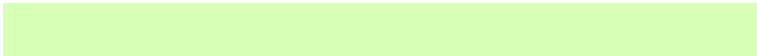


# Sweetspot

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



79FF0A



D7FFB5



FF8D0A



678053



000000



808080



# Same Dimension

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



79FF0A



74FF00



0AFF12



798073



57BF00



1D4000



# Inverse Universe

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



900AFF



8B00FF



FF0AF7



7A7380



6900BF

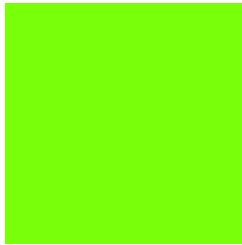


230040



# Previews

## White Background



This preview shows how the Hex color 79FF0A looks on a white background.

## Color Contrast Check

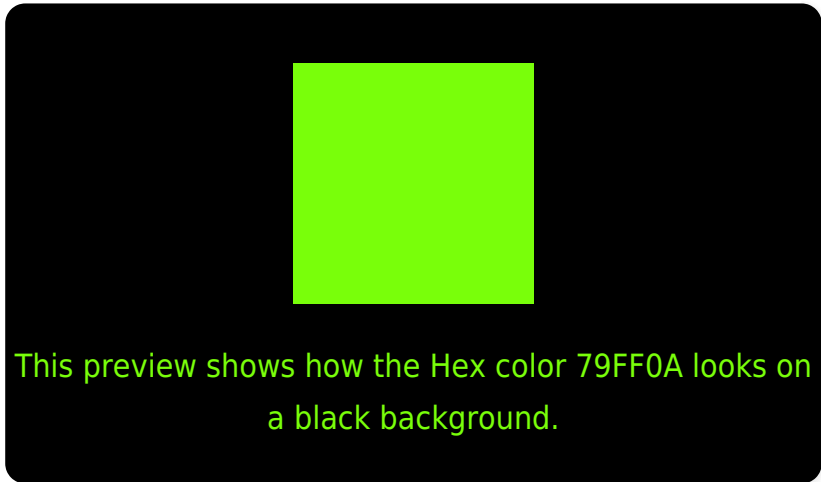
Large Text (above 18pt) WCAG AA × Fail

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

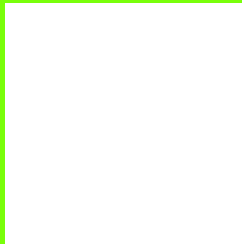
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 79FF0A Background



This preview shows how black text looks on a background with the Hex color 79FF0A.

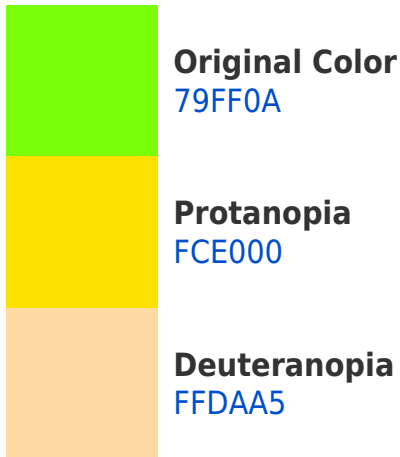


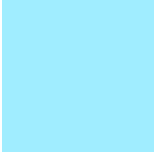
This preview shows how white text looks on a background with the Hex color 79FF0A.

# 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](#).

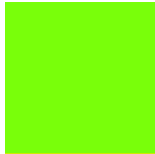
## Dichromacy





**Tritanopia**  
A0EDFF

# Trichromacy



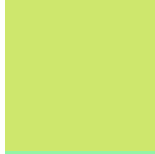
**Original Color**

79FF0A



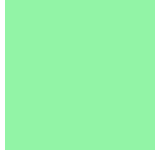
**Protanomaly**

CCEB04



**Deuteranomaly**

CEE76D



**Tritanomaly**

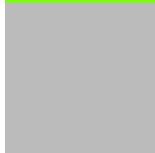
92F4A6

# Monochromacy



**Original Color**

79FF0A



**Achromatopsia**

BBBBBB



**Achromatomaly**

A3D47B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79FF0A 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 #79FF0A looks like.

```
.text, #text, p{  
    color:#79FF0A  
}
```

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 #79FF0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79FF0A
}
```

## Border

The CSS property to change the border of an element to Hex 79FF0A 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
#79FF0A }
```

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

```
.border{ border-color:#79FF0A }
```

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

Here you see how a box with a 4 pixel #79FF0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79FF0A; -webkit-box-shadow:4px 4px  
4px 4px #79FF0A; box-shadow:4px 4px 4px  
4px #79FF0A }
```

# Background

The CSS property to change the background color of an element to Hex 79FF0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79FF0A }
```

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

```
.background{ background-color:#79FF0A }
```

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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