

Converting Colors

Decimal(7729430)

Have a look what the booklet for
Decimal(7729430) contains.

Decimal(7729430)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(7729430)

Conversions

Conversions Part 1

Format	Color
Hex	75F116
RGB	117, 241, 22
RGB Percent	46%, 95%, 9%
CMY	0.5412, 0.0549, 0.9137
CMYK	0.51, 0.00, 0.91, 0.05
HSL	94°, 89%, 52%
HSV	94°, 91%, 95%
XYZ	38.9362, 66.7504, 11.5910
YIQ	178.9580, -3.6050, -94.3970

Conversions

Conversions Part 2

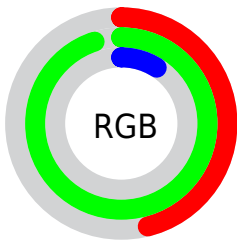
Format	Color
R _Y B	22, 241, 146
Decimal	7729430
CIE Lab	85.38, -65.63, 80.00
CIE LCh	85, 103.478, 129.364
Yxy	66.7504, 0.3320, 0.5692
Android (android.graphics.Color)	4285919510 (0xFF75F116)
YUV	178.9580, -77.3803, -54.3372
Hunter-Lab	81.7009, -57.9089, 48.7791

Details

The Decimal color **7729430** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **9574129**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **11796320**, and **2930688** is the 20% darker color. If you saturate the color by 10%, you get **6942976**, and if you desaturate by 10%, it is **8646958**.

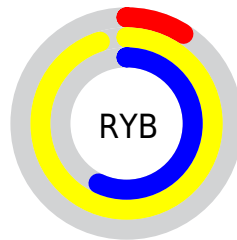
Distribution



Red (46%)

Green (95%)

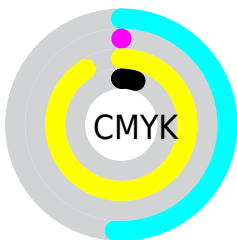
Blue (9%)



Red (9%)

Yellow (95%)

Blue (57%)

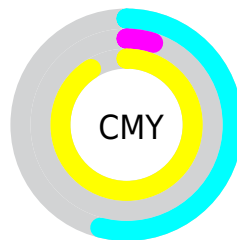


Cyan (51%)

Magenta (0%)

Yellow (91%)

Black (5%)



Cyan (54%)

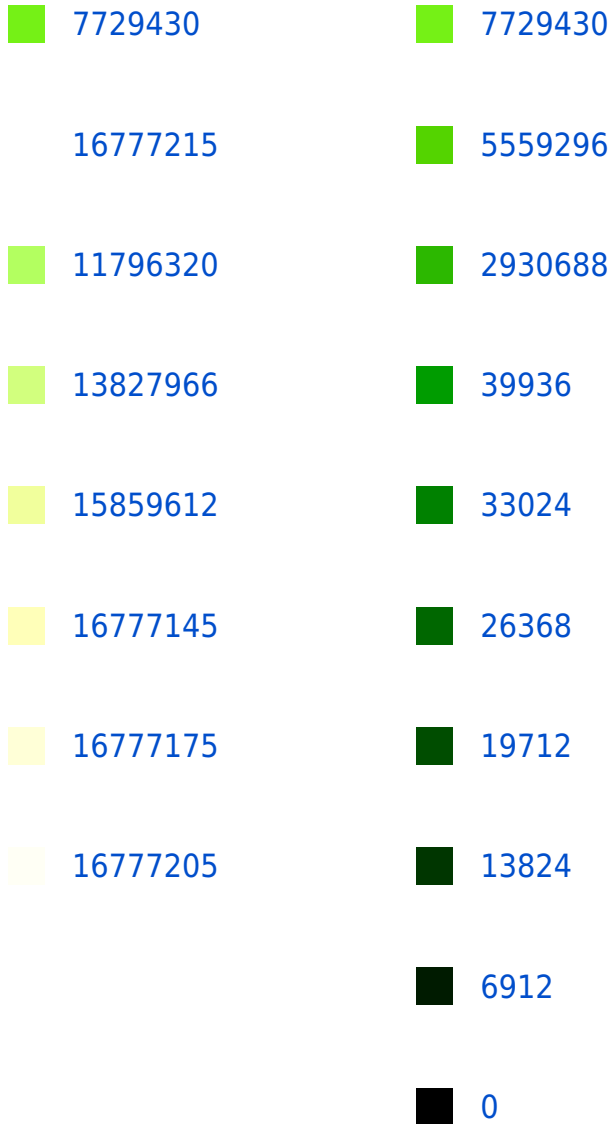
Magenta (5%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7729430 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 Decimal color 7729430 by changing the saturation by 10% instead.



■ 7729430

■ 7729430

■ 6942976

■ 8646958

■ 9498950

■ 10416478

■ 11334006

■ 12185998

■ 13103527

■ 14021055

■ 14873047

■ 15790575

Harmonies

Analogous

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



14998272



7729430



64652

Triad

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



7729430



62207



16736699

Complementary

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



7729430



9574129

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.



16742399



7729430



55551

Square

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



7729430



65279



16624895



16746333

Rectangle

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



7729430



65488



16624895



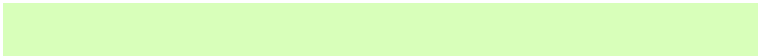
16736732

Sweetspot

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



7729430



14221242



15830550



6848599



0



8421504

Same Dimension

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



7729430



7339776



1503521



7436396



5289984



1587200

Inverse Universe

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



9574129



9437439



15800038



7564408



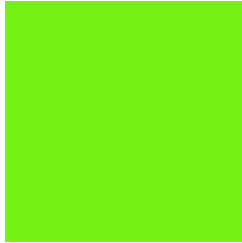
6815928



2097208

Previews

White Background



This preview shows how the Decimal color 7729430 looks on a white background.

Color Contrast Check

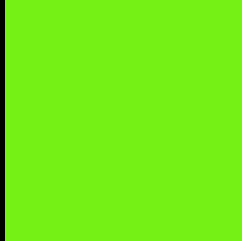
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 7729430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

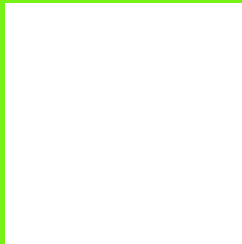
Any Text WCAG AAA ✓ Pass

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

Decimal 7729430 Background



This preview shows how black text looks on a background with the Decimal color 7729430.

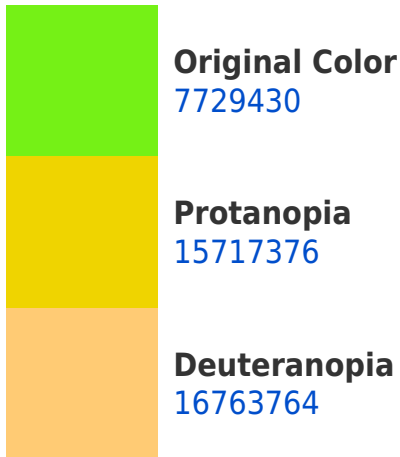


This preview shows how white text looks on a background with the Decimal color 7729430.

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](#).

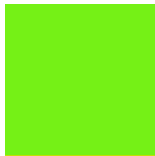
Dichromacy





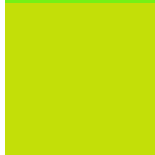
Tritanopia
9887986

Trichromacy



Original Color

7729430



Protanomaly

12836616



Deuteranomaly

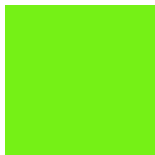
13490514



Tritanomaly

9103010

Monochromacy



Original Color

7729430



Achromatopsia

11776947



Achromatomaly

10275450

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7729430 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 #75F116 looks like.

```
.text, #text, p{  
    color:#75F116  
}
```

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 #75F116 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75F116
}
```

Border

The CSS property to change the border of an element to Decimal 7729430 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
#75F116 }
```

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

```
.border{ border-color:#75F116 }
```

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

Here you see how a box with a 4 pixel #75F116 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75F116; -webkit-box-shadow:4px 4px  
4px 4px #75F116; box-shadow:4px 4px 4px  
4px #75F116 }
```

Background

The CSS property to change the background color of an element to Decimal 7729430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75F116 }
```

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

```
.background{ background-color:#75F116 }
```

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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