

Converting Colors

Decimal(7729170)

Have a look what the booklet for
Decimal(7729170) contains.

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Color

Decimal(7729170)

Conversions

Conversions Part 1

Format	Color
Hex	75F012
RGB	117, 240, 18
RGB Percent	46%, 94%, 7%
CMY	0.5412, 0.0588, 0.9294
CMYK	0.51, 0.00, 0.93, 0.06
HSL	93°, 88%, 51%
HSV	93°, 92%, 94%
XYZ	38.6054, 66.1458, 11.3050
YIQ	177.9150, -2.0460, -95.1180

Conversions

Conversions Part 2

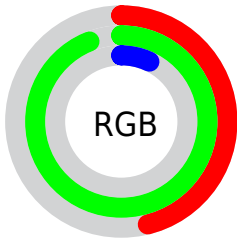
Format	Color
R_{YB}	18, 240, 141
Decimal	7729170
CIE _{Lab}	85.07, -65.36, 80.26
CIE _{LCh}	85, 103.506, 129.159
Yxy	66.1458, 0.3326, 0.5699
Android (android.graphics.Color)	4285919250 (0xFF75F012)
YUV	177.9150, -78.8381, -53.4225
Hunter-Lab	81.3300, -57.5980, 48.6897

Details

The Decimal color **7729170** 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 **9245424**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **11796319**, and **2995968** is the 20% darker color. If you saturate the color by 10%, you get **7073792**, and if you desaturate by 10%, it is **8581162**.

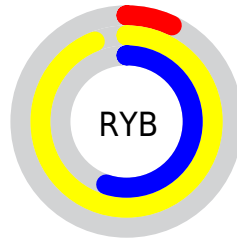
Distribution



Red (46%)

Green (94%)

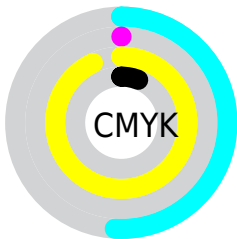
Blue (7%)



Red (7%)

Yellow (94%)

Blue (55%)

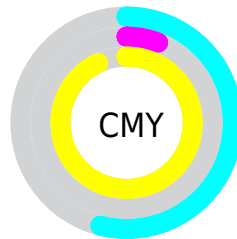


Cyan (51%)

Magenta (0%)

Yellow (93%)

Black (6%)



Cyan (54%)



















Magenta (6%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7729170 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 7729170 by changing the saturation by 10% instead.

 7729170	 7729170
 16777215	 5559040
 11796319	 2995968
 13827965	 39680
 15859610	 32768
 16777144	 26112
 16777173	 19456
 16777203	 13568
	 6656
	 0

■ 7729170

■ 7729170

■ 7073792

■ 8581162

■ 9498690

■ 10350682

■ 11202674

■ 12054666

■ 12972194

■ 13824186

■ 14676178

■ 15593706

Harmonies

Analogous

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



14998016



7729170



64394

Triad

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



7729170



62207



16736443

Complementary

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



7729170



9245424

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.



16742143



7729170



55295

Square

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



7729170



65279



16493567



16745821

Rectangle

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



7729170



65487



16493567



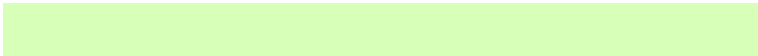
16736476

Sweetspot

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



7729170



14155704



15764498



6783060



0



8421504

Same Dimension

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



7729170



7536384



1241117



7436396



5421056



1652736

Inverse Universe

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



9245424



9240831



15733477



7564408



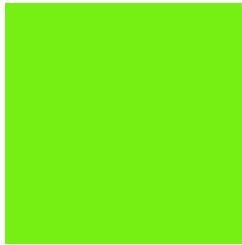
6684856



2031672

Previews

White Background



This preview shows how the Decimal color 7729170 looks on a white background.

Color Contrast Check

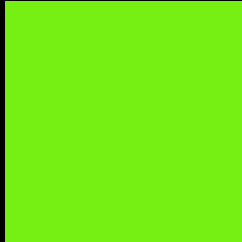
Large Text (above 18pt) WCAG AA × Fail

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 7729170 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 7729170 Background



This preview shows how black text looks on a background with the Decimal color 7729170.

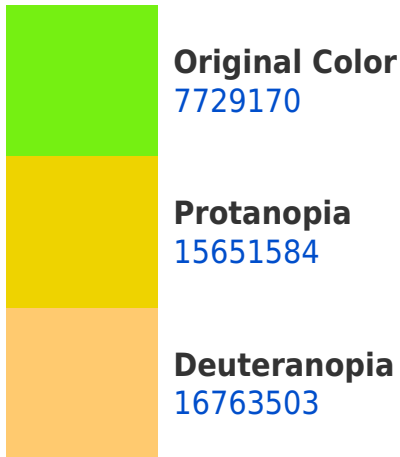


This preview shows how white text looks on a background with the Decimal color 7729170.

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
9887729

Trichromacy



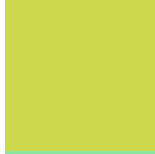
Original Color

7729170



Protanomaly

12770823



Deuteranomaly

13490253



Tritanomaly

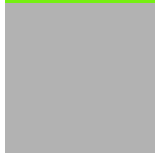
9102752

Monochromacy



Original Color

7729170



Achromatopsia

11711154



Achromatomaly

10275192

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7729170 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 #75F012 looks like.

```
.text, #text, p{  
    color:#75F012  
}
```

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 #75F012 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75F012
}
```

Border

The CSS property to change the border of an element to Decimal 7729170 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
#75F012 }
```

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

```
.border{ border-color:#75F012 }
```

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

Here you see how a box with a 4 pixel #75F012 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75F012; -webkit-box-shadow:4px 4px  
4px 4px #75F012; box-shadow:4px 4px 4px  
4px #75F012 }
```

Background

The CSS property to change the background color of an element to Decimal 7729170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75F012 }
```

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

```
.background{ background-color:#75F012 }
```

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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