

Converting Colors

Decimal(7721262)

Have a look what the booklet for
Decimal(7721262) contains.

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Color

Decimal(7721262)

Conversions

Conversions Part 1

Format	Color
Hex	75D12E
RGB	117, 209, 46
RGB Percent	46%, 82%, 18%
CMY	0.5412, 0.1804, 0.8196
CMYK	0.44, 0.00, 0.78, 0.18
HSL	94°, 64%, 50%
HSV	94°, 78%, 82%
XYZ	30.6297, 49.5801, 10.5403
YIQ	162.9100, -2.5090, -70.1970

Conversions

Conversions Part 2

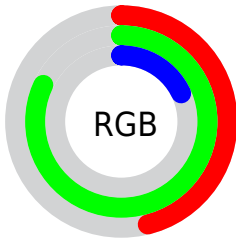
Format	Color
RYB	46, 209, 138
Decimal	7721262
CIELab	75.81, -52.94, 66.46
CIELCh	76, 84.969, 128.538
Yxy	49.5801, 0.3375, 0.5463
Android (android.graphics.Color)	4285911342 (0xFF75D12E)
YUV	162.9100, -57.6366, -40.2631
Hunter-Lab	70.4131, -45.5755, 40.4139

Details

The Decimal color **7721262** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **9055953**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **11599721**, and **3643904** is the 20% darker color. If you saturate the color by 10%, you get **6934809**, and if you desaturate by 10%, it is **8507715**.

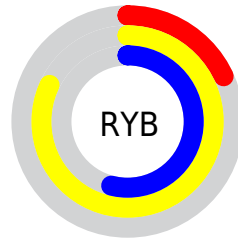
Distribution



Red (46%)

Green (82%)

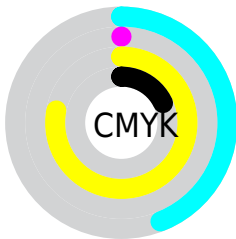
Blue (18%)



Red (18%)

Yellow (82%)

Blue (54%)

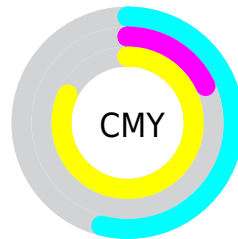


Cyan (44%)

Magenta (0%)

Yellow (78%)

Black (18%)



Cyan (54%)

Magenta (18%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7721262 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 7721262 by changing the saturation by 10% instead.



7721262



7721262

16777215



5747968



11599721



3643904



13500293



622336



15466401



25856



16777150



19456



16777179



13568



16777208



7424



0



7721262



7721262

■ 6934809

■ 8507715

■ 6148356

■ 9294168

■ 6017280

■ 10015085

■ 10801538

■ 11587991

■ 12374443

■ 13160896

■ 13881813

■ 14668266

Harmonies

Analogous

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



13352704



7721262



56190

Triad

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



7721262



54271



16737960

Complementary

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



7721262



9055953

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.



16742134



7721262



48639

Square

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



7721262



56831



14261247



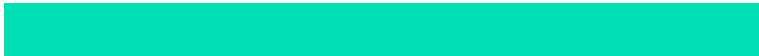
16744029

Rectangle

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



7721262



57012



14261247



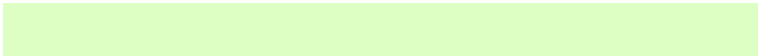
16738242

Sweetspot

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



7721262



14614468



13731886



7045212



0



8421504

Same Dimension

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



7721262



7929615



3068214



6515038



4827136



1190144

Inverse Universe

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



9055953



9900031



13709001



6577769



6226088



1507369

Previews

White Background



This preview shows how the Decimal color 7721262 looks on a white background.

Color Contrast Check

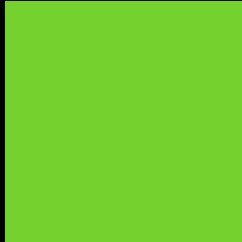
Large Text (above 18pt) WCAG AA × Fail

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 7721262 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 7721262 Background



This preview shows how black text looks on a background with the Decimal color 7721262.

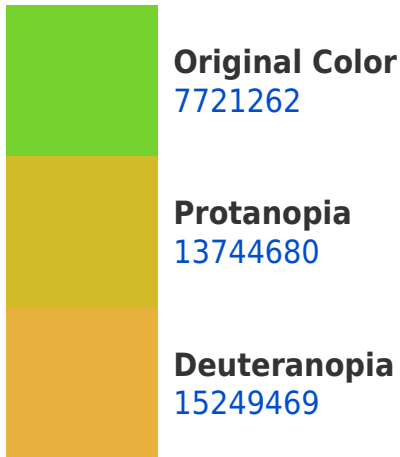


This preview shows how white text looks on a background with the Decimal color 7721262.

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
9290706

Trichromacy



Original Color

7721262



Protanomaly

11584042



Deuteranomaly

12500024



Tritanomaly

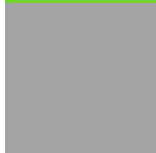
8702102

Monochromacy



Original Color

7721262



Achromatopsia

10724259



Achromatomaly

9614456

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7721262 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 #75D12E looks like.

```
.text, #text, p{  
    color:#75D12E  
}
```

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 #75D12E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75D12E
}
```

Border

The CSS property to change the border of an element to Decimal 7721262 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
#75D12E }
```

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

```
.border{ border-color:#75D12E }
```

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

Here you see how a box with a 4 pixel #75D12E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75D12E; -webkit-box-shadow:4px 4px  
4px 4px #75D12E; box-shadow:4px 4px 4px  
4px #75D12E }
```

Background

The CSS property to change the background color of an element to Decimal 7721262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75D12E }
```

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

```
.background{ background-color:#75D12E }
```

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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