

Converting Colors

Decimal(7781723)

Have a look what the booklet for
Decimal(7781723) contains.

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Color

Decimal(7781723)

Conversions

Conversions Part 1

Format	Color
Hex	76BD5B
RGB	118, 189, 91
RGB Percent	46%, 74%, 36%
CMY	0.5373, 0.2588, 0.6431
CMYK	0.38, 0.00, 0.52, 0.26
HSL	103°, 43%, 55%
HSV	103°, 52%, 74%
XYZ	27.5571, 41.0021, 16.3593
YIQ	156.5990, -10.8580, -45.5300

Conversions

Conversions Part 2

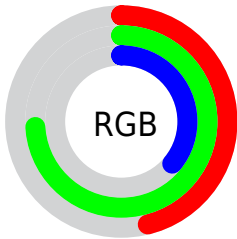
Format	Color
RYB	91, 189, 162
Decimal	7781723
CIELab	70.18, -40.52, 42.26
CIELCh	70, 58.549, 133.801
Yxy	41.0021, 0.3245, 0.4828
Android (android.graphics.Color)	4285971803 (0xFF76BD5B)
YUV	156.5990, -32.3403, -33.8513
Hunter-Lab	64.0329, -35.2384, 29.6754

Details

The Decimal color **7781723** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **10640317**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **11400847**, and **4228904** is the 20% darker color. If you saturate the color by 10%, you get **6864200**, and if you desaturate by 10%, it is **8699246**.

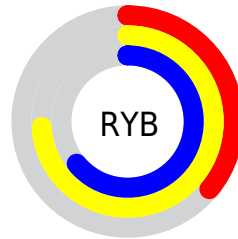
Distribution



Red (46%)

Green (74%)

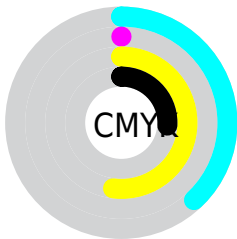
Blue (36%)



Red (36%)

Yellow (74%)

Blue (64%)

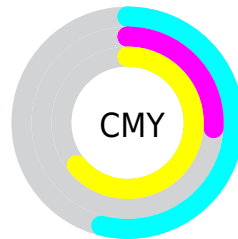


Cyan (38%)

Magenta (0%)

Yellow (52%)

Black (26%)



Cyan (54%)

Magenta (26%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7781723 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 7781723 by changing the saturation by 10% instead.



7781723



7781723

16777215



6005314



11400847



4228904



13303722



2256140



15204294



21504



16777187



15360



10240



256



0



7781723



7781723

■ 6864200

■ 8699246

■ 6012213

■ 9551233

■ 5094690

■ 10468756

■ 4177167

■ 11386279

■ 3456256

■ 12238266

■ 13155788

■ 14073311

■ 14990834

■ 15842815

Harmonies

Analogous

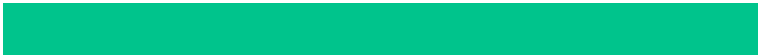
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



11710525



7781723



50316

Triad

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



7781723



47615



16743829

Complementary

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



7781723



10640317

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.



16679371



7781723



7973375

Square

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



7781723



50164



13603833



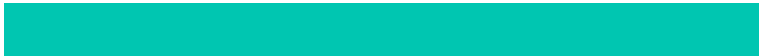
16747108

Rectangle

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



7781723



50865



13603833



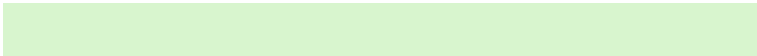
16743591

Sweetspot

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



7781723



14218702



12427611



6978147



16448250



8026746

Same Dimension

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



7781723



8910173



6012272



5791317



2924032



532224

Inverse Universe

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



10640317



13327861



12409768



6051166



7536798



1441823

Previews

White Background



This preview shows how the Decimal color 7781723 looks on a white background.

Color Contrast Check

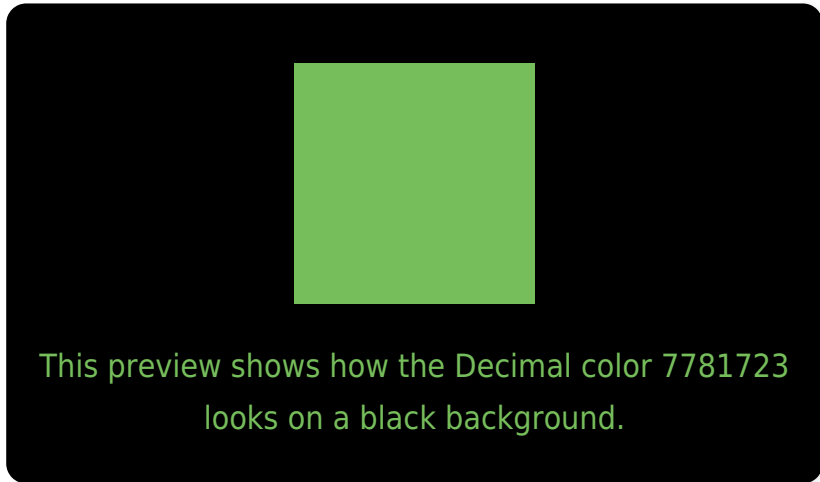
Large Text (above 18pt) WCAG AA × Fail

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](#).

Decimal 7781723 Background



This preview shows how black text looks on a background with the Decimal color 7781723.

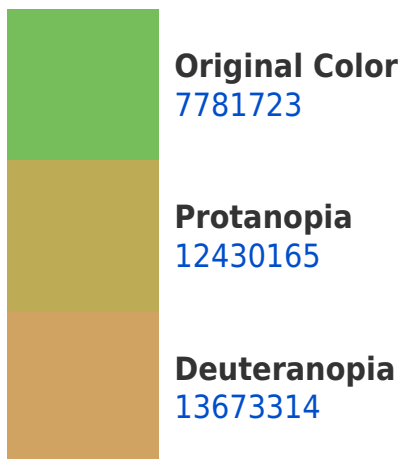


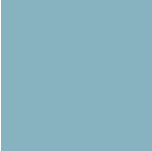
This preview shows how white text looks on a background with the Decimal color 7781723.

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
8893120

Trichromacy



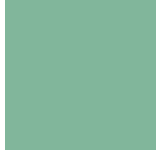
Original Color
7781723



Protanomaly
10728023



Deuteranomaly
11512927



Tritanomaly
8500891

Monochromacy



Original Color
7781723



Achromatopsia
10329501



Achromatomaly
9415045

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7781723 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 #76BD5B looks like.

```
.text, #text, p{  
    color:#76BD5B  
}
```

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 #76BD5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76BD5B
}
```

Border

The CSS property to change the border of an element to Decimal 7781723 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
#76BD5B }
```

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

```
.border{ border-color:#76BD5B }
```

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

Here you see how a box with a 4 pixel #76BD5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76BD5B; -webkit-box-shadow:4px 4px  
4px 4px #76BD5B; box-shadow:4px 4px 4px  
4px #76BD5B }
```

Background

The CSS property to change the background color of an element to Decimal 7781723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76BD5B }
```

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

```
.background{ background-color:#76BD5B }
```

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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