

Converting Colors

Decimal(7784161)

Have a look what the booklet for
Decimal(7784161) contains.

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Color

Decimal(7784161)

Conversions

Conversions Part 1

Format	Color
Hex	76C6E1
RGB	118, 198, 225
RGB Percent	46%, 78%, 88%
CMY	0.5373, 0.2235, 0.1176
CMYK	0.48, 0.12, 0.00, 0.12
HSL	195°, 64%, 67%
HSV	195°, 48%, 88%
XYZ	41.2559, 49.6760, 78.6482
YIQ	177.1580, -56.3470, -8.5630

Conversions

Conversions Part 2

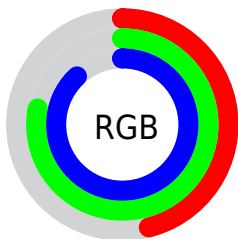
Format	Color
R _Y B	118, 164, 225
Decimal	7784161
CIE Lab	75.87, -17.42, -21.05
CIE LCh	76, 27.322, 230.400
Yxy	49.6760, 0.2433, 0.2929
Android (android.graphics.Color)	4285974241 (0xFF76C6E1)
YUV	177.1580, 23.5861, -51.8816
Hunter-Lab	70.4812, -18.8577, -16.8234

Details

The Decimal color **7784161** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **14782838**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **11534335**, and **3903658** is the 20% darker color. If you saturate the color by 10%, you get **6340833**, and if you desaturate by 10%, it is **9293025**.

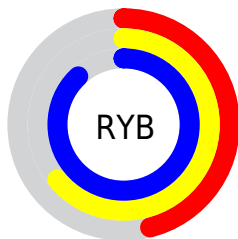
Distribution



Red (46%)

Green (78%)

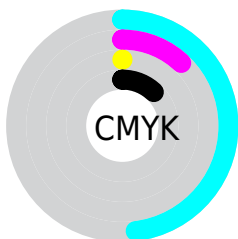
Blue (88%)



Red (46%)

Yellow (64%)

Blue (88%)

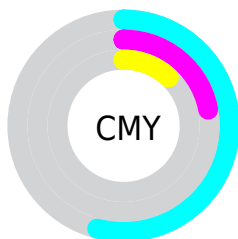


Cyan (48%)

Magenta (12%)

Yellow (0%)

Black (12%)



Cyan (54%)

Magenta (22%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7784161 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 7784161 by changing the saturation by 10% instead.

■ 7784161

■ 7784161

16777215

■ 5876677

■ 11534335

■ 3903658

■ 13500415

■ 1341071

■ 15400959

■ 24181

■ 18013

■ 12101

■ 7215

■ 282

■ 0

■ 7784161

■ 7784161

■ 6340833

■ 9293025

■ 4832225

■ 10736097

■ 3388897

■ 12244961

■ 1880033

■ 13688289

■ 436961

■ 15196897

■ 43233

■ 16640225

■ 16772833

■ 16774113

■ 16775649

Harmonies

Analogous

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



7522764



7784161



9552108

Triad

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



7784161



15247812



12304267

Complementary

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



7784161



14782838

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.



14006154



7784161



15641003

Square

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



7784161



13938651



15183509



10470810

Rectangle

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



7784161



11057900



15183509



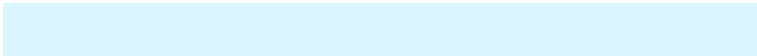
12958857

Sweetspot

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



7784161



14415615



7790993



6978176



0



8421504

Same Dimension

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



7784161



7265023



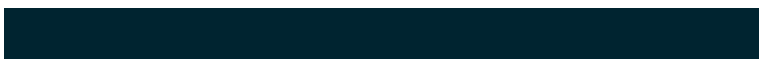
7770593



6647152



33968



9264

Inverse Universe

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



14776006



16740058



14796406



7365997



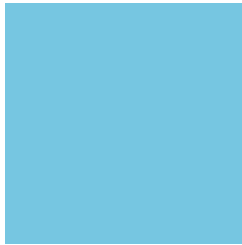
11534468



3145764

Previews

White Background



This preview shows how the Decimal color 7784161 looks on a white background.

Color Contrast Check

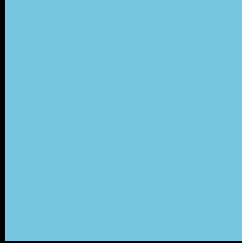
Large Text (above 18pt) WCAG AA × Fail

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 7784161 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 7784161 Background



This preview shows how black text looks on a background with the Decimal color 7784161.

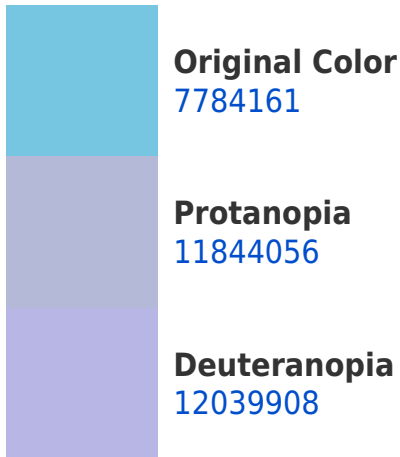


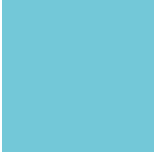
This preview shows how white text looks on a background with the Decimal color 7784161.

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
7588056

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7784161 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 #76C6E1 looks like.

```
.text, #text, p{  
    color:#76C6E1  
}
```

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 #76C6E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76C6E1
}
```

Border

The CSS property to change the border of an element to Decimal 7784161 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
#76C6E1 }
```

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

```
.border{ border-color:#76C6E1 }
```

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

Here you see how a box with a 4 pixel #76C6E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76C6E1; -webkit-box-shadow:4px 4px  
4px 4px #76C6E1; box-shadow:4px 4px 4px  
4px #76C6E1 }
```

Background

The CSS property to change the background color of an element to Decimal 7784161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76C6E1 }
```

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

```
.background{ background-color:#76C6E1 }
```

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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