

Converting Colors

Decimal(7782320)

Have a look what the booklet for
Decimal(7782320) contains.

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Color

Decimal(7782320)

Conversions

Conversions Part 1

Format	Color
Hex	76BF80
RGB	118, 191, 176
RGB Percent	46%, 75%, 69%
CMY	0.5373, 0.2510, 0.3098
CMYK	0.38, 0.00, 0.08, 0.25
HSL	168°, 36%, 61%
HSV	168°, 38%, 75%
XYZ	33.9385, 44.2477, 47.8262
YIQ	167.4630, -38.6930, -20.1410

Conversions

Conversions Part 2

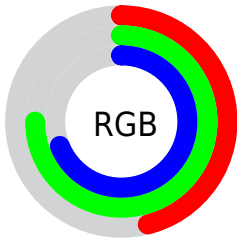
Format	Color
RYB	118, 159, 191
Decimal	7782320
CIELab	72.39, -26.29, 0.37
CIELCh	72, 26.288, 179.189
Yxy	44.2477, 0.2693, 0.3511
Android (android.graphics.Color)	4285972400 (0xFF76BFB0)
YUV	167.4630, 4.2087, -43.3791
Hunter-Lab	66.5190, -25.3362, 3.9346

Details

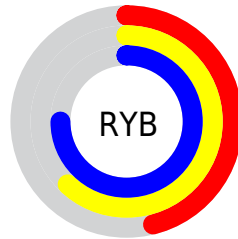
The Decimal color **7782320** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **12547717**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **11401448**, and **4229500** is the 20% darker color. If you saturate the color by 10%, you get **6537132**, and if you desaturate by 10%, it is **9027508**.

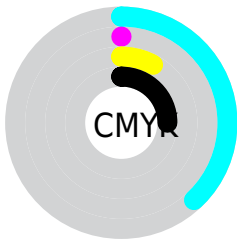
Distribution



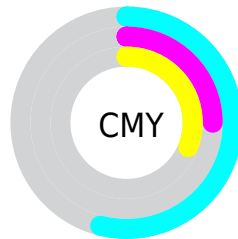
- Red (46%)
- Green (75%)
- Blue (69%)



- Red (46%)
- Yellow (62%)
- Blue (75%)



- Cyan (38%)
- Magenta (0%)
- Yellow (8%)
- Black (25%)



- Cyan (54%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7782320 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 7782320 by changing the saturation by 10% instead.



7782320



7782320

16777215



6005909



11401448



4229500



13238271



2388067



15138815



22347



16180



10527



4103



0



7782320



7782320

■ 6537132

■ 9027508

■ 5291944

■ 10272696

■ 4046756

■ 11517884

■ 2801568

■ 12763072

■ 1556380

■ 14073796

■ 245656

■ 15318984

■ 49048

■ 16564171

■ 16760783

■ 16760787

Harmonies

Analogous

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



9354648



7782320



6995656

Triad

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



7782320



11840731



14198921

Complementary

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



7782320



12547717

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.



14852763



7782320



13673675

Square

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



7782320



9680097



14721203



12890242

Rectangle

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



7782320



7322837



14721203



14460302

Sweetspot

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



7782320



14481394



8830838



7175546



16579836



8224125

Same Dimension

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



7782320



8845280



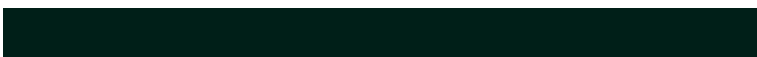
7776959



5594716



40574



7960

Inverse Universe

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



12547717



16221853



12553078



6182231



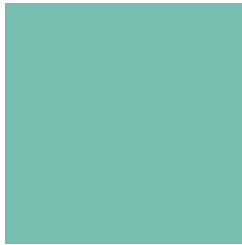
10354720



2031622

Previews

White Background



This preview shows how the Decimal color 7782320 looks on a white background.

Color Contrast Check

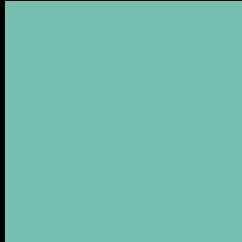
Large Text (above 18pt) WCAG AA × Fail

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 7782320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

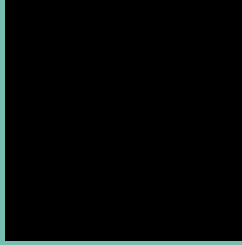
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

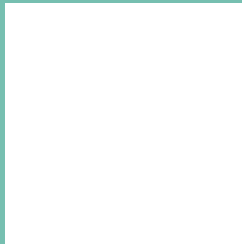
Any Text WCAG AAA ✓ Pass

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

Decimal 7782320 Background



This preview shows how black text looks on a background with the Decimal color 7782320.

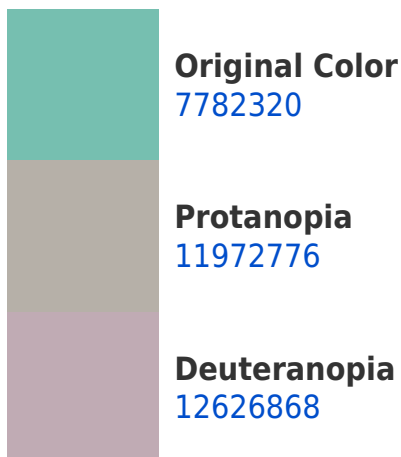


This preview shows how white text looks on a background with the Decimal color 7782320.

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





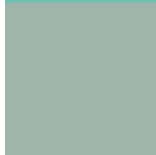
Tritanopia
8240074

Trichromacy



Original Color

7782320



Protanomaly

10466731



Deuteranomaly

10859187



Tritanomaly

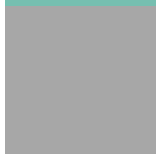
8043713

Monochromacy



Original Color

7782320



Achromatopsia

10987431



Achromatomaly

9810090

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7782320 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 #76BFB0 looks like.

```
.text, #text, p{  
    color:#76BFB0  
}
```

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 #76BFB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76BFB0
}
```

Border

The CSS property to change the border of an element to Decimal 7782320 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
#76BFB0 }
```

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

```
.border{ border-color:#76BFB0 }
```

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

Here you see how a box with a 4 pixel #76BFB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76BFB0; -webkit-box-shadow:4px 4px  
4px 4px #76BFB0; box-shadow:4px 4px 4px  
4px #76BFB0 }
```

Background

The CSS property to change the background color of an element to Decimal 7782320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76BFB0 }
```

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

```
.background{ background-color:#76BFB0 }
```

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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