

Converting Colors

Decimal(7726818)

Have a look what the booklet for
Decimal(7726818) contains.

Decimal(7726818)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(7726818)

Conversions

Conversions Part 1

Format	Color
Hex	75E6E2
RGB	117, 230, 226
RGB Percent	46%, 90%, 89%
CMY	0.5412, 0.0980, 0.1137
CMYK	0.49, 0.00, 0.02, 0.10
HSL	178°, 69%, 68%
HSV	178°, 49%, 90%
XYZ	49.3604, 65.8665, 82.0635
YIQ	195.7570, -66.0640, -25.2000

Conversions

Conversions Part 2

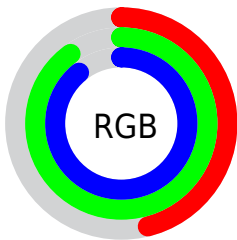
Format	Color
RYB	117, 175, 230
Decimal	7726818
CIELab	84.93, -33.14, -7.99
CIELCh	85, 34.088, 193.564
Yxy	65.8665, 0.2502, 0.3339
Android (android.graphics.Color)	4285916898 (0xFF75E6E2)
YUV	195.7570, 14.9098, -69.0699
Hunter-Lab	81.1582, -33.4632, -3.1406

Details

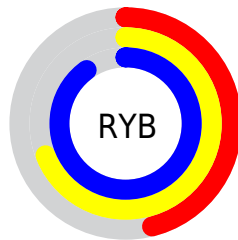
The Decimal color **7726818** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **15103353**, and the grayscale version is **12895428**.

A 20% lighter version of the original color is **11599871**, and **3518123** is the 20% darker color. If you saturate the color by 10%, you get **6219489**, and if you desaturate by 10%, it is **9234147**.

Distribution



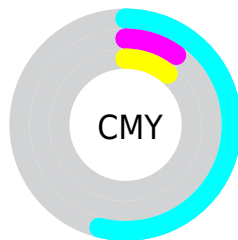
- Red (46%)
- Green (90%)
- Blue (89%)



- Red (46%)
- Yellow (69%)
- Blue (90%)



- Cyan (49%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)

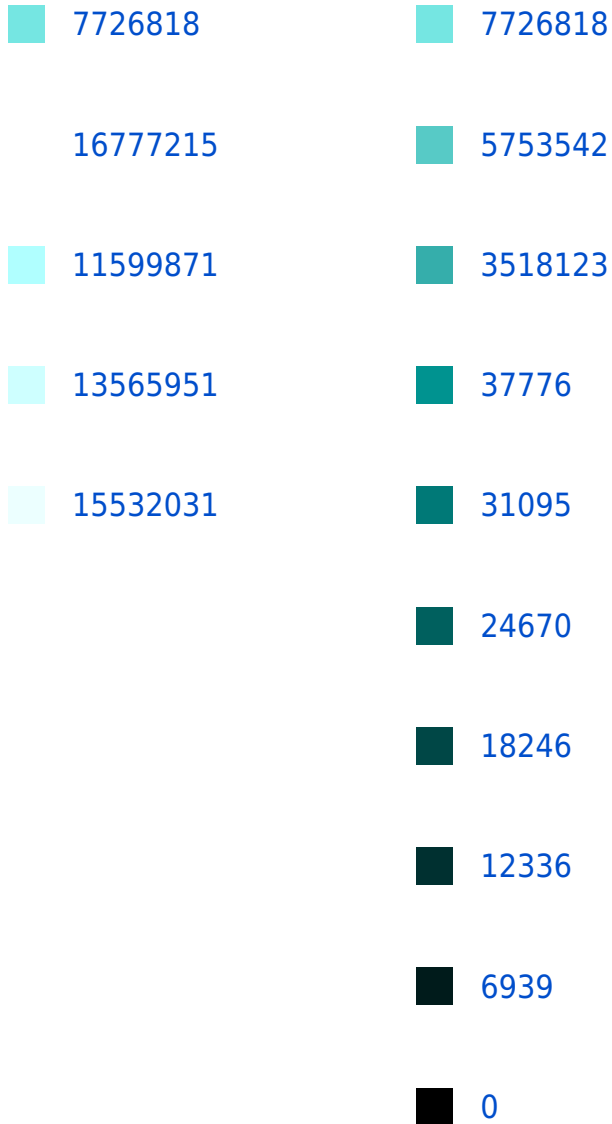


- Cyan (54%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7726818 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 7726818 by changing the saturation by 10% instead.



 7726818

 7726818

 6219489

 9234147

 4712160

 10741476

 3204832

 12248804

 1697503

 13756133

 190174

 15263462

 59102

 16770791

 16770792

 16770793

Harmonies

Analogous

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



9692609



7726818



7529471

Triad

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



7726818



15452159



16501911

Complementary

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



7726818



15103353

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.



16761513



7726818



16760551

Square

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



7726818



12636927



16760006



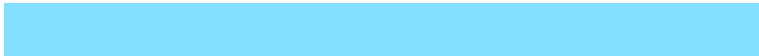
14473109

Rectangle

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



7726818



8708095



16760006



16763035

Sweetspot

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



7726818



14286846



8119925



6914175



0



8421504

Same Dimension

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



7726818



6946810



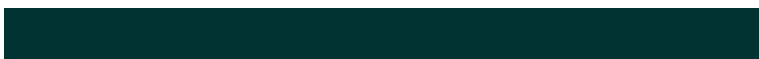
7713766



6779762



45996



13105

Inverse Universe

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



15103353



16738670



15116405



7563112



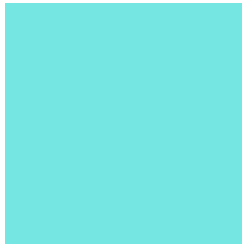
11730950



3342338

Previews

White Background



This preview shows how the Decimal color 7726818 looks on a white background.

Color Contrast Check

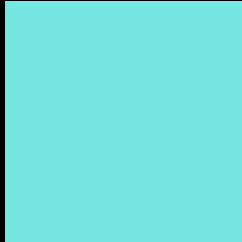
Large Text (above 18pt) WCAG AA × Fail

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 7726818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

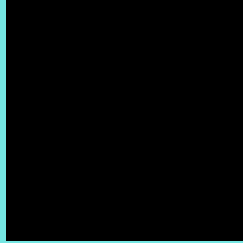
Any Text WCAG AA ✓ Pass

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 7726818 Background



This preview shows how black text looks on a background with the Decimal color 7726818.



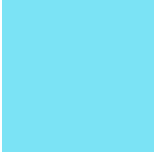
This preview shows how white text looks on a background with the Decimal color 7726818.

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
8119285

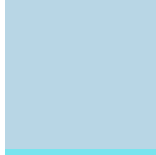
Trichromacy



Original Color
7726818



Protanomaly
11721178



Deuteranomaly
12113637

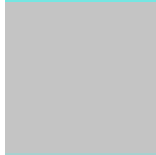


Tritanomaly
7988462

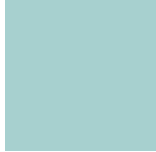
Monochromacy



Original Color
7726818



Achromatopsia
12895428



Achromatomaly
10997967

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7726818 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 #75E6E2 looks like.

```
.text, #text, p{  
    color:#75E6E2  
}
```

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 #75E6E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75E6E2
}
```

Border

The CSS property to change the border of an element to Decimal 7726818 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
#75E6E2 }
```

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

```
.border{ border-color:#75E6E2 }
```

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

Here you see how a box with a 4 pixel #75E6E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75E6E2; -webkit-box-shadow:4px 4px  
4px 4px #75E6E2; box-shadow:4px 4px 4px  
4px #75E6E2 }
```

Background

The CSS property to change the background color of an element to Decimal 7726818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75E6E2 }
```

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

```
.background{ background-color:#75E6E2 }
```

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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