

Converting Colors

Decimal(7794868)

Have a look what the booklet for
Decimal(7794868) contains.

Decimal(7794868)	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(7794868)

Conversions

Conversions Part 1

Format	Color
Hex	76F0B4
RGB	118, 240, 180
RGB Percent	46%, 94%, 71%
CMY	0.5373, 0.0588, 0.2941
CMYK	0.51, 0.00, 0.25, 0.06
HSL	150°, 80%, 70%
HSV	150°, 51%, 94%
XYZ	46.8695, 69.4670, 54.1182
YIQ	196.6820, -53.4520, -44.5240

Conversions

Conversions Part 2

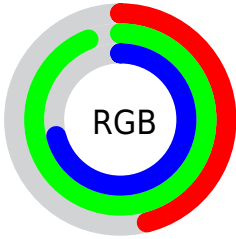
Format	Color
R_{YB}	118, 199, 240
Decimal	7794868
CIE _{Lab}	86.73, -47.80, 18.70
CIE _{LCh}	87, 51.330, 158.630
Yxy	69.4670, 0.2750, 0.4075
Android (android.graphics.Color)	4285984948 (0xFF76F0B4)
YUV	196.6820, -8.2242, -69.0041
Hunter-Lab	83.3469, -45.4788, 19.8450

Details

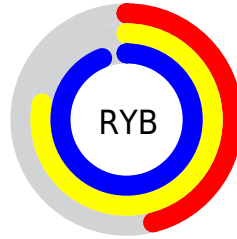
The Decimal color **7794868** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **15759026**, and the grayscale version is **12961221**.

A 20% lighter version of the original color is **11665388**, and **3651455** is the 20% darker color. If you saturate the color by 10%, you get **6221992**, and if you desaturate by 10%, it is **9367744**.

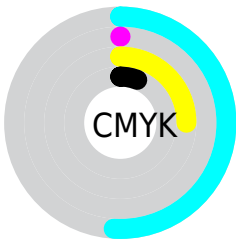
Distribution



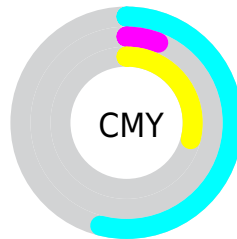
- Red (46%)
- Green (94%)
- Blue (71%)



- Red (46%)
- Yellow (78%)
- Blue (94%)



- Cyan (51%)
- Magenta (0%)
- Yellow (25%)
- Black (6%)



- Cyan (54%)
- Magenta (6%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7794868 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 7794868 by changing the saturation by 10% instead.

 7794868

 7794868

16777215

 5821337

 11665388

 3651455

 13565951

 236646

 15532031

 33102

 26422

 20000

 13835

 7936

 0

 7794868

 7794868

 6221992

 9367744

 4649116

 10940620

 3076241

 12513495

 1503365

 14086371

 61562

 15659247

 16773371

 16773375

Harmonies

Analogous

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



11987083



7794868



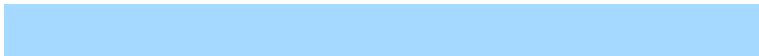
62438

Triad

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



7794868



10934783



16759455

Complementary

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



7794868



15759026

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.



16757453



7794868



15779839

Square

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



7794868



3729663



16758782



16763519

Rectangle

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



7794868



62207



16758782



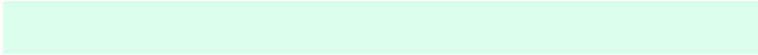
16758445

Sweetspot

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



7794868



14286828



11792502



6914164



0



8421504

Same Dimension

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



7794868



6553523



7794928



7108722



47197



14365

Inverse Universe

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



15759026



16737200



15758966



7892082



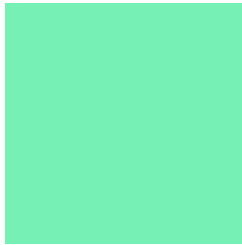
12058714



3670044

Previews

White Background



This preview shows how the Decimal color 7794868 looks on a white background.

Color Contrast Check

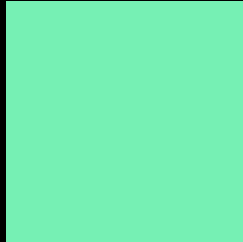
Large Text (above 18pt) WCAG AA × Fail

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 7794868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

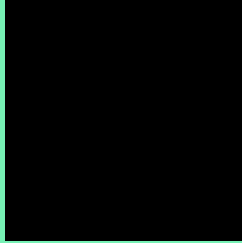
Any Text WCAG AA ✓ Pass

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 7794868 Background



This preview shows how black text looks on a background with the Decimal color 7794868.



This preview shows how white text looks on a background with the Decimal color 7794868.

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
9037817

Trichromacy



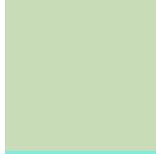
Original Color

7794868



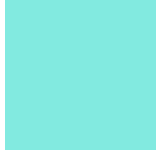
Protanomaly

12443820



Deuteranomaly

13163704



Tritanomaly

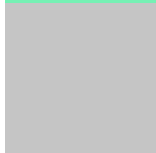
8579808

Monochromacy



Original Color

7794868



Achromatopsia

12961221



Achromatomaly

11064767

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7794868 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 #76F0B4 looks like.

```
.text, #text, p{  
    color:#76F0B4  
}
```

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 #76F0B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76F0B4
}
```

Border

The CSS property to change the border of an element to Decimal 7794868 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
#76F0B4 }
```

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

```
.border{ border-color:#76F0B4 }
```

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

Here you see how a box with a 4 pixel #76F0B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76F0B4; -webkit-box-shadow:4px 4px  
4px 4px #76F0B4; box-shadow:4px 4px 4px  
4px #76F0B4 }
```

Background

The CSS property to change the background color of an element to Decimal 7794868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76F0B4 }
```

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

```
.background{ background-color:#76F0B4 }
```

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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