

Converting Colors

Decimal(7785944)

Have a look what the booklet for
Decimal(7785944) contains.

Decimal(7785944)	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(7785944)

Conversions

Conversions Part 1

Format	Color
Hex	76CDD8
RGB	118, 205, 216
RGB Percent	46%, 80%, 85%
CMY	0.5373, 0.1961, 0.1529
CMYK	0.45, 0.05, 0.00, 0.15
HSL	187°, 56%, 65%
HSV	187°, 45%, 85%
XYZ	41.6972, 52.4721, 72.8962
YIQ	180.2410, -55.3830, -15.0230

Conversions

Conversions Part 2

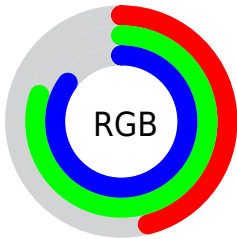
Format	Color
R _{YB}	118, 164, 216
Decimal	7785944
CIE Lab	77.56, -23.36, -13.65
CIE LCh	78, 27.059, 210.291
Yxy	52.4721, 0.2496, 0.3141
Android (android.graphics.Color)	4285976024 (0xFF76CDD8)
YUV	180.2410, 17.6292, -54.5854
Hunter-Lab	72.4376, -24.0160, -8.9590

Details

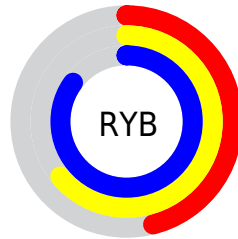
The Decimal color **7785944** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **14188918**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **11534335**, and **3905441** is the 20% darker color. If you saturate the color by 10%, you get **6343640**, and if you desaturate by 10%, it is **9228248**.

Distribution



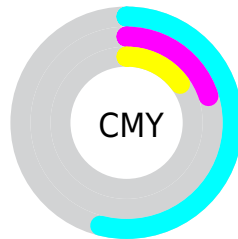
- Red (46%)
- Green (80%)
- Blue (85%)



- Red (46%)
- Yellow (64%)
- Blue (85%)



- Cyan (45%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (54%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7785944 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 7785944 by changing the saturation by 10% instead.

7785944

7785944

16777215

5878204

11534335

3905441

13434879

1473671

15400959

25454

19285

13374

8232

276

0

■ 7785944

■ 7785944

■ 6343640

■ 9228248

■ 4966616

■ 10605272

■ 3524312

■ 12047576

■ 2147288

■ 13424600

■ 704984

■ 14866904

■ 49368

■ 16309464

■ 16768728

■ 16769240

■ 16770008

Harmonies

Analogous

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



8507071



7785944



8636906

Triad

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



7785944



14725593



13811342

Complementary

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



7785944



14188918

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.



15185557



7785944



15773376

Square

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



7785944



12892651



15904680



12043924

Rectangle

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



7785944



9880817



15904680



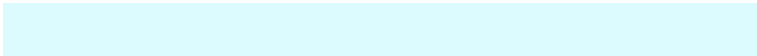
14334863

Sweetspot

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



7785944



14416895



7788672



6978944



0



8421504

Same Dimension

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



7785944



7729407



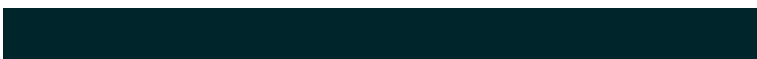
7773656



6318699



39083



9771

Inverse Universe

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



14186189



16741872



14201206



7037034



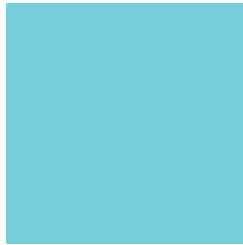
11206808



2818086

Previews

White Background



This preview shows how the Decimal color 7785944 looks on a white background.

Color Contrast Check

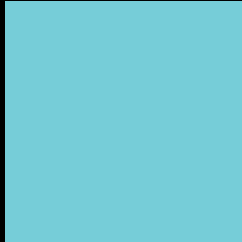
Large Text (above 18pt) WCAG AA × Fail

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 7785944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

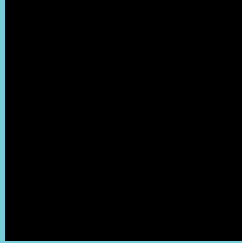
Any Text WCAG AA ✓ Pass

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 7785944 Background



This preview shows how black text looks on a background with the Decimal color 7785944.



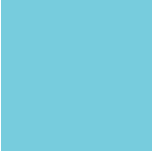
This preview shows how white text looks on a background with the Decimal color 7785944.

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
7851229

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7785944 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 #76CDD8 looks like.

```
.text, #text, p{  
    color:#76CDD8  
}
```

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 #76CDD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76CDD8  
}
```

Border

The CSS property to change the border of an element to Decimal 7785944 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  
#76CDD8 }
```

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

```
.border{ border-color:#76CDD8 }
```

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

Here you see how a box with a 4 pixel #76CDD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76CDD8; -webkit-box-shadow:4px 4px  
4px 4px #76CDD8; box-shadow:4px 4px 4px  
4px #76CDD8 }
```

Background

The CSS property to change the background color of an element to Decimal 7785944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76CDD8 }
```

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

```
.background{ background-color:#76CDD8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor