

Converting Colors

Decimal(7787487)

Have a look what the booklet for
Decimal(7787487) contains.

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Color

Decimal(7787487)

Conversions

Conversions Part 1

Format	Color
Hex	76D3DF
RGB	118, 211, 223
RGB Percent	46%, 83%, 87%
CMY	0.5373, 0.1725, 0.1255
CMYK	0.47, 0.05, 0.00, 0.13
HSL	187°, 62%, 67%
HSV	187°, 47%, 87%
XYZ	44.0848, 55.7678, 78.2528
YIQ	184.5610, -59.2800, -15.9840

Conversions

Conversions Part 2

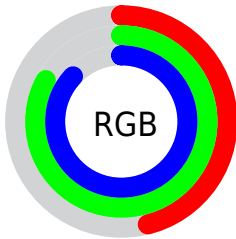
Format	Color
R _Y B	118, 167, 223
Decimal	7787487
CIE Lab	79.48, -24.52, -14.52
CIE LCh	79, 28.499, 210.639
Yxy	55.7678, 0.2475, 0.3131
Android (android.graphics.Color)	4285977567 (0xFF76D3DF)
YUV	184.5610, 18.9504, -58.3740
Hunter-Lab	74.6778, -25.3119, -9.8538

Details

The Decimal color **7787487** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **14647926**, and the grayscale version is **12105912**.

A 20% lighter version of the original color is **11599871**, and **3841192** is the 20% darker color. If you saturate the color by 10%, you get **6344927**, and if you desaturate by 10%, it is **9230047**.

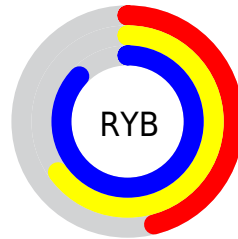
Distribution



Red (46%)

Green (83%)

Blue (87%)



Red (46%)

Yellow (65%)

Blue (87%)

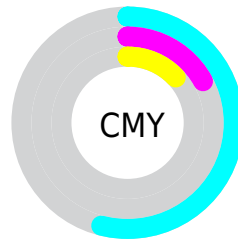


Cyan (47%)

Magenta (5%)

Yellow (0%)

Black (13%)



Cyan (54%)

Magenta (17%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7787487 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 7787487 by changing the saturation by 10% instead.

7787487

7787487

16777215

5879747

11599871

3841192

13500415

1016461

15466495

26996

20571

14660

9006

282

0

7787487

7787487

6344927

9230047

4837087

10737887

3394527

12180447

1952223

13622751

444127

15130847

50911

16573151

16770527

16771039

16771807

Harmonies

Analogous

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



8574149



7787487



8703986

Triad

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



7787487



15251167



14205840

Complementary

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



7787487



14647926

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.



15645336



7787487



16298693

Square

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



7787487



13287155



16430251



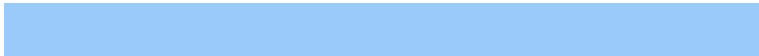
12307607

Rectangle

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



7787487



10078969



16430251



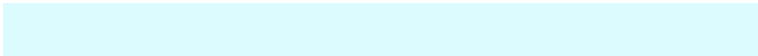
14729361

Sweetspot

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



7787487



14416895



7790464



6978944



0



8421504

Same Dimension

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



7787487



7270143



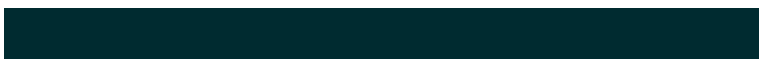
7774431



6647664



40112



11056

Inverse Universe

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



14644947



16740078



14660982



7365999



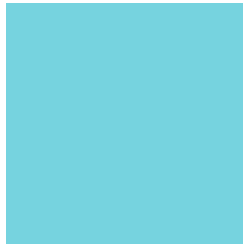
11534492



3145771

Previews

White Background



This preview shows how the Decimal color 7787487 looks on a white background.

Color Contrast Check

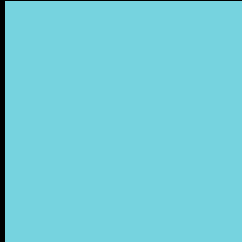
Large Text (above 18pt) WCAG AA × Fail

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 7787487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

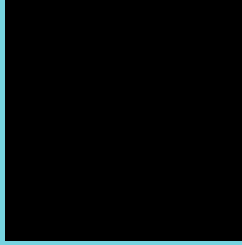
Any Text WCAG AA ✓ Pass

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 7787487 Background



This preview shows how black text looks on a background with the Decimal color 7787487.



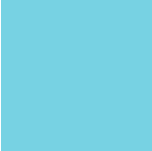
This preview shows how white text looks on a background with the Decimal color 7787487.

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
7852771

Trichromacy



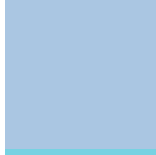
Original Color

7787487



Protanomaly

10930649



Deuteranomaly

11192034



Tritanomaly

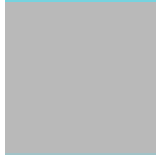
7852770

Monochromacy



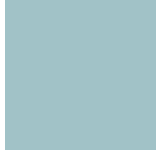
Original Color

7787487



Achromatopsia

12171705



Achromatomaly

10601159

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7787487 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 #76D3DF looks like.

```
.text, #text, p{  
    color:#76D3DF  
}
```

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 #76D3DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76D3DF
}
```

Border

The CSS property to change the border of an element to Decimal 7787487 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
#76D3DF }
```

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

```
.border{ border-color:#76D3DF }
```

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

Here you see how a box with a 4 pixel #76D3DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76D3DF; -webkit-box-shadow:4px 4px  
4px 4px #76D3DF; box-shadow:4px 4px 4px  
4px #76D3DF }
```

Background

The CSS property to change the background color of an element to Decimal 7787487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76D3DF }
```

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

```
.background{ background-color:#76D3DF }
```

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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