

Converting Colors

Decimal(778495)

Have a look what the booklet for
Decimal(778495) contains.

Decimal(778495)	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>	28

Color

Decimal(778495)

Conversions

Conversions Part 1

Format	Color
Hex	0BE0FF
RGB	11, 224, 255
RGB Percent	4%, 88%, 100%
CMY	0.9569, 0.1216, 0.0000
CMYK	0.96, 0.12, 0.00, 0.00
HSL	188°, 100%, 52%
HSV	188°, 96%, 100%
XYZ	44.8437, 60.6025, 103.9417
YIQ	163.8470, -136.8990, -35.5150

Conversions

Conversions Part 2

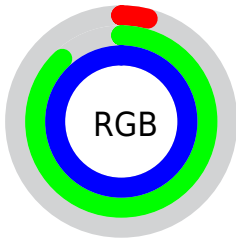
Format	Color
R_{YB}	11, 125, 255
Decimal	778495
CIE _{Lab}	82.16, -33.88, -27.68
CIE _{LCh}	82, 43.746, 219.250
Yxy	60.6025, 0.2142, 0.2894
Android (android.graphics.Color)	4278968575 (0xFF0BE0FF)
YUV	163.8470, 44.9384, -134.0468
Hunter-Lab	77.8476, -33.4093, -24.6704

Details

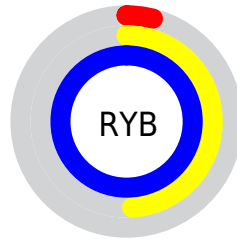
The Decimal color **778495** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **16722443**, and the grayscale version is **10790052**.

A 20% lighter version of the original color is **7798783**, and **43206** is the 20% darker color. If you saturate the color by 10%, you get **57343**, and if you desaturate by 10%, it is **2417663**.

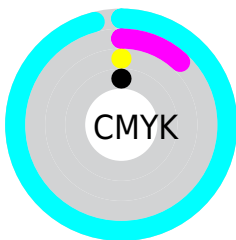
Distribution



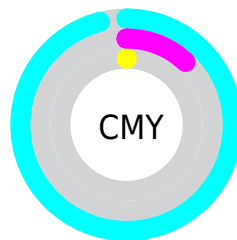
- Red (4%)
- Green (88%)
- Blue (100%)



- Red (4%)
- Yellow (49%)
- Blue (100%)



- Cyan (96%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)




















- Cyan (96%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 778495 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 778495 by changing the saturation by 10% instead.

 778495	 778495
 16777215	 50402
 7798783	 43206
 10092543	 36523
 12255231	 29840
 14417919	 23159
 16515071	 16990
	 11334
	 4400
	 282

■ 778495

■ 778495

■ 57343

■ 2417663

■ 4122367

■ 5827327

■ 7466495

■ 9171199

■ 10810367

■ 12515327

■ 14154495

■ 15859199

Harmonies

Analogous

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



4121304



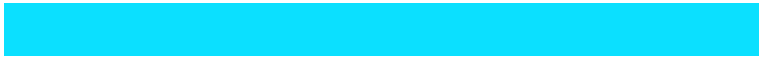
778495



6084863

Triad

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



778495



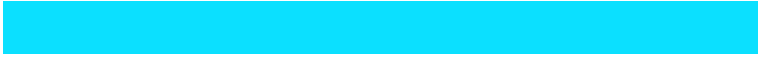
16756970



14405242

Complementary

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



778495



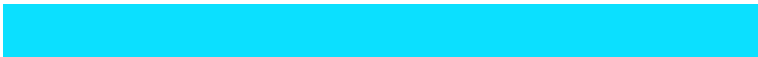
16722443

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.



16760960



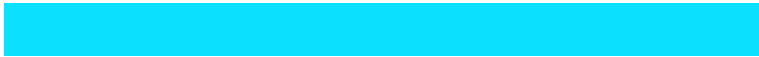
778495



16755905

Square

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



778495



14859775



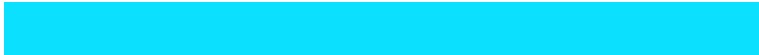
16757658



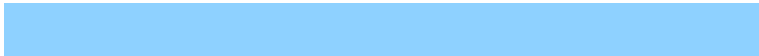
11458955

Rectangle

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



778495



9359871



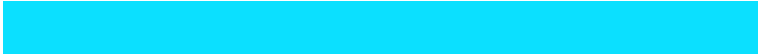
16757658



15256186

Sweetspot

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



778495



11925247



786215



5470848



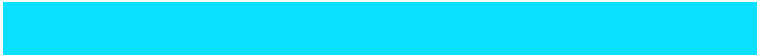
0



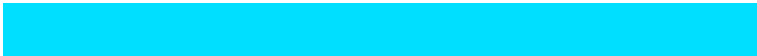
8421504

Same Dimension

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



778495



57343



748031



7569024



42943



14400

Inverse Universe

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



16714720



16711903



16752907



8418174



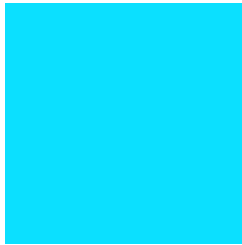
12517543



4194360

Previews

White Background



This preview shows how the Decimal color 778495 looks on a white background.

Color Contrast Check

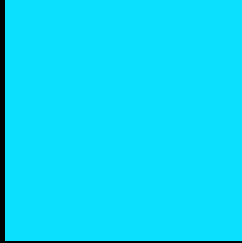
Large Text (above 18pt) WCAG AA × Fail

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 778495 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 778495 Background



This preview shows how black text looks on a background with the Decimal color 778495.



This preview shows how white text looks on a background with the Decimal color 778495.

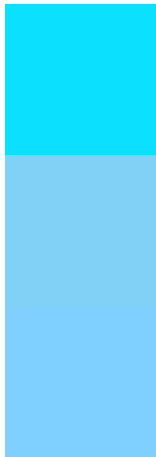
Color Blindness Simulation

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



Trichromacy

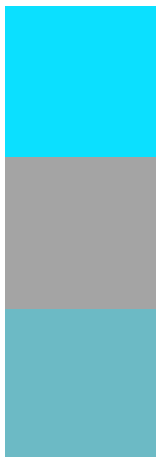


Original Color
778495

Protanomaly
8442357

Deuteranomaly
8376575

Monochromacy



Original Color
778495

Achromatopsia
10790052

Achromatomaly
7125701

CSS Examples

Text

The CSS property to change the color of the text to Decimal 778495 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 #0BE0FF looks like.

```
.text, #text, p{  
    color:#0BE0FF  
}
```

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 #0BE0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BE0FF
}
```

Border

The CSS property to change the border of an element to Decimal 778495 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
#0BE0FF }
```

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

```
.border{ border-color:#0BE0FF }
```

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

Here you see how a box with a 4 pixel #0BE0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BE0FF; -webkit-box-shadow:4px 4px  
4px 4px #0BE0FF; box-shadow:4px 4px 4px  
4px #0BE0FF }
```

Background

The CSS property to change the background color of an element to Decimal 778495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BE0FF }
```

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

```
.background{ background-color:#0BE0FF }
```

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