

Converting Colors

Decimal(7888)

Have a look what the booklet for
Decimal(7888) contains.

Decimal(7888)	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(7888)

Conversions

Conversions Part 1

Format	Color
Hex	001ED0
RGB	0, 30, 208
RGB Percent	0%, 12%, 82%
CMY	1.0000, 0.8824, 0.1843
CMYK	1.00, 0.86, 0.00, 0.18
HSL	231°, 100%, 41%
HSV	231°, 100%, 82%
XYZ	11.8494, 5.4826, 60.1082
YIQ	41.3220, -75.0180, 48.9980

Conversions

Conversions Part 2

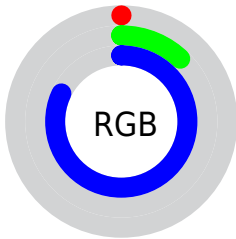
Format	Color
R _{YB}	0, 26, 208
Decimal	7888
CIE Lab	28.07, 59.83, -88.09
CIE LCh	28, 106.487, 304.186
Yxy	5.4826, 0.1530, 0.0708
Android (android.graphics.Color)	4278197968 (0xFF001ED0)
YUV	41.3220, 82.1723, -36.2394
Hunter-Lab	23.4150, 49.3559, -135.8119

Details

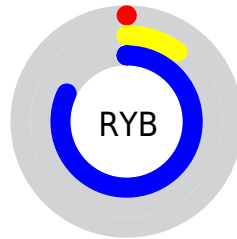
The Decimal color **7888** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **13677056**, and the grayscale version is **2697513**.

A 20% lighter version of the original color is **6967551**, and **152** is the 20% darker color. If you saturate the color by 10%, you get **7888**, and if you desaturate by 10%, it is **1388752**.

Distribution



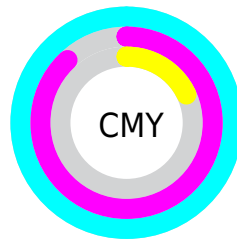
- Red (0%)
- Green (12%)
- Blue (82%)



- Red (0%)
- Yellow (10%)
- Blue (82%)



- Cyan (100%)
- Magenta (86%)
- Yellow (0%)
- Black (18%)





















- Cyan (100%)
- Magenta (88%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7888 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 7888 by changing the saturation by 10% instead.

 7888	 7888
 16777215	 436
 6967551	 152
 9202431	 125
 11306239	 2403
 13344767	 2378
 15449087	 1074
 16766975	 540
 16774399	 0

 7888

■ 1388752

■ 2769616

■ 4084688

■ 5465552

■ 6846416

■ 8227280

■ 9608144

■ 10923216

■ 12304080

Harmonies

Analogous

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



20719



7888



10682508

Triad

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



7888



8851712



23117

Complementary

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



7888



13677056

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.



22528



7888



4736000

Square

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



7888



11665408



21248



23968

Rectangle

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



7888



12386390



21248



22831

Sweetspot

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



7888



11779839



53425



5396608



0



8421504

Same Dimension

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



7888



9727



4784336



6185065



6312



1577

Inverse Universe

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



13631518



16711717



8900608



6905440



11010072



2686982

Previews

White Background



This preview shows how the Decimal color 7888 looks on a white background.

Color Contrast Check

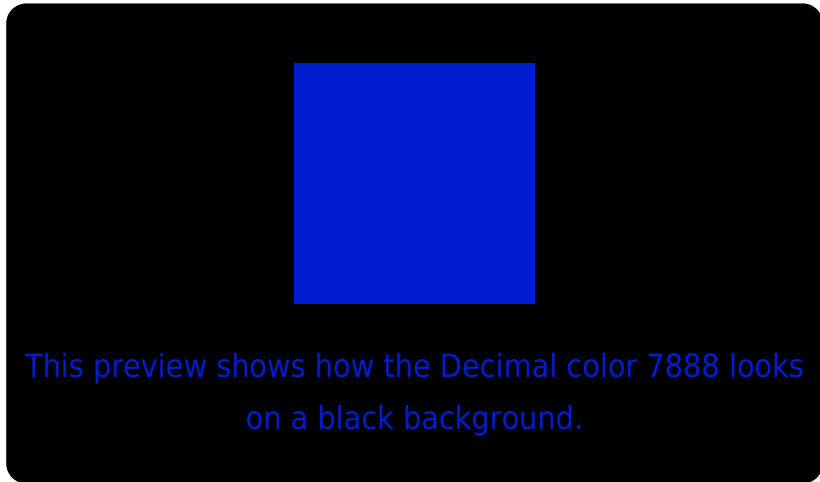
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

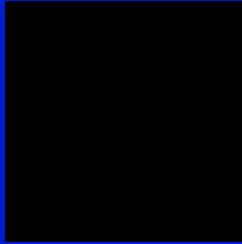
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 7888 Background



This preview shows how black text looks on a background with the Decimal color 7888.

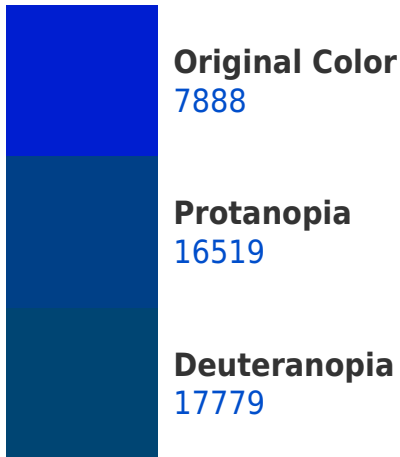


This preview shows how white text looks on a background with the Decimal color 7888.

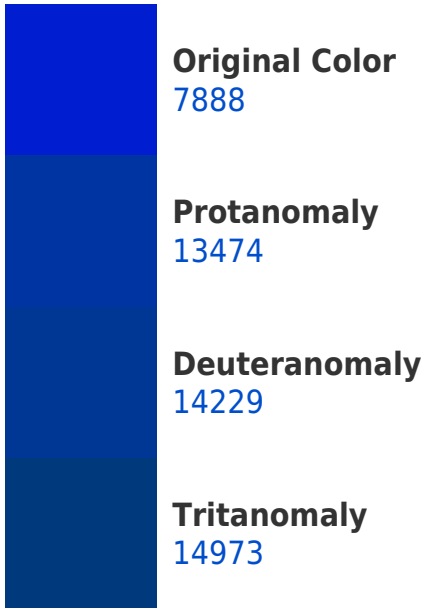
Color Blindness Simulation

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](#).

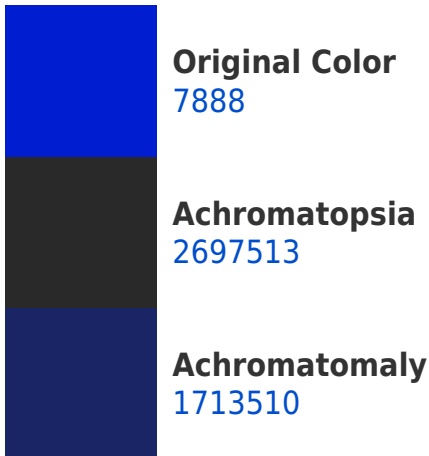
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7888 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 #001ED0 looks like.

```
.text, #text, p{  
    color:#001ED0  
}
```

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 #001ED0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001ED0
}
```

Border

The CSS property to change the border of an element to Decimal 7888 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
#001ED0 }
```

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

```
.border{ border-color:#001ED0 }
```

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

Here you see how a box with a 4 pixel #001ED0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001ED0; -webkit-box-shadow:4px 4px  
4px 4px #001ED0; box-shadow:4px 4px 4px  
4px #001ED0 }
```

Background

The CSS property to change the background color of an element to Decimal 7888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001ED0 }
```

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

```
.background{ background-color:#001ED0 }
```

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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