

Converting Colors

Decimal(12836608)

Have a look what the booklet for
Decimal(12836608) contains.

Decimal(12836608)	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(12836608)

Conversions

Conversions Part 1

Format	Color
Hex	C3DF00
RGB	195, 223, 0
RGB Percent	76%, 87%, 0%
CMY	0.2353, 0.1255, 1.0000
CMYK	0.13, 0.00, 1.00, 0.13
HSL	68°, 100%, 44%
HSV	68°, 100%, 87%
XYZ	48.8934, 64.3775, 9.8491
YIQ	189.2060, 54.8950, -75.2890

Conversions

Conversions Part 2

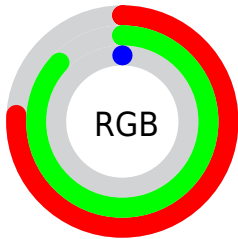
Format	Color
RYB	0, 223, 28
Decimal	12836608
CIELab	84.16, -31.11, 82.91
CIELCh	84, 88.556, 110.564
Yxy	64.3775, 0.3971, 0.5229
Android (android.graphics.Color)	4291026688 (0xFFC3DF00)
YUV	189.2060, -93.2786, 5.0813
Hunter-Lab	80.2356, -31.6392, 48.8869

Details

The Decimal color **12836608** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed yellow. A complement of this color would be **1835231**, and the grayscale version is **12500670**.

A 20% lighter version of the original color is **16777048**, and **8955904** is the 20% darker color. If you saturate the color by 10%, you get **12836608**, and if you desaturate by 10%, it is **13033238**.

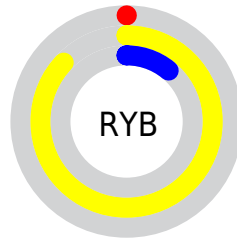
Distribution



Red (76%)

Green (87%)

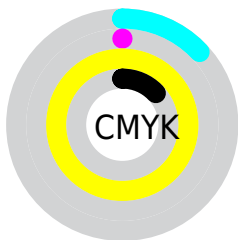
Blue (0%)



Red (0%)

Yellow (87%)

Blue (11%)

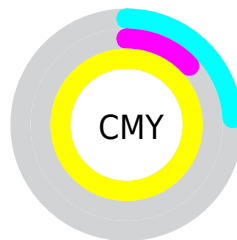


Cyan (13%)

Magenta (0%)

Yellow (100%)

Black (13%)



Cyan (24%)



















Magenta (13%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12836608 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 12836608 by changing the saturation by 10% instead.

 12836608	 12836608
 16777215	 10863360
 16777048	 8955904
 16777078	 7048448
 16777108	 5207040
 16777137	 3300096
 16777167	 1327872
 16777197	 11520
	 5888
	 0

 12836608

 13033238

 13229869

 13360963

 13557593

 13754224

 13950854

 14147484

 14278578

 14475209

Harmonies

Analogous

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



16762112



12836608



5435232

Triad

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



12836608



62463



16744688

Complementary

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



12836608



1835231

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.



16752895



12836608



58367

Square

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



12836608



63743



10078207



16744860

Rectangle

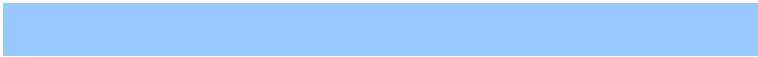
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12836608



62871



10078207



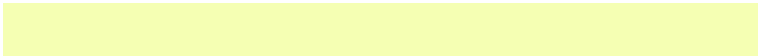
16746751

Sweetspot

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



12836608



16121779



14621184



8028242



0



8421504

Same Dimension

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



12836608



14679808



5627648



7303269



10137600



2764800

Inverse Universe

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



1835231



2097407



9044191



6710640



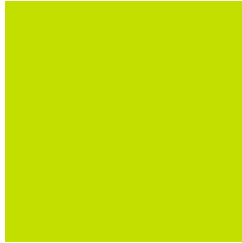
1441968



393264

Previews

White Background



This preview shows how the Decimal color 12836608 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 12836608 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 12836608 Background



This preview shows how black text looks on a background with the Decimal color 12836608.

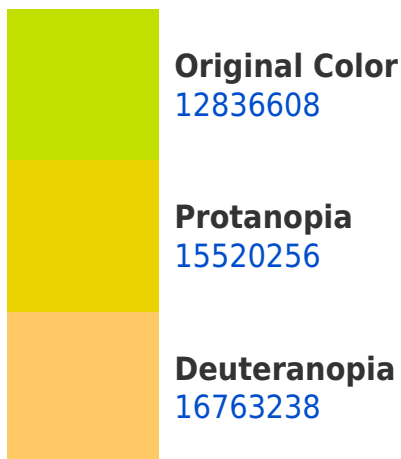



This preview shows how white text looks on a background with the Decimal color 12836608.

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](#).

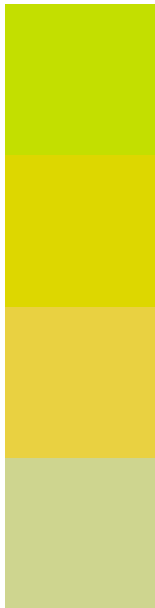
Dichromacy





Tritanopia
13946848

Trichromacy



Original Color
12836608

Protanomaly
14538496

Deuteranomaly
15323457

Tritanomaly
13555087

Monochromacy



Original Color
12836608

Achromatopsia
12434877

Achromatomaly
12568952

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12836608 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 #C3DF00 looks like.

```
.text, #text, p{  
    color:#C3DF00  
}
```

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 #C3DF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3DF00
}
```

Border

The CSS property to change the border of an element to Decimal 12836608 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
#C3DF00 }
```

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

```
.border{ border-color:#C3DF00 }
```

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

Here you see how a box with a 4 pixel #C3DF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3DF00; -webkit-box-shadow:4px 4px  
4px 4px #C3DF00; box-shadow:4px 4px 4px  
4px #C3DF00 }
```

Background

The CSS property to change the background color of an element to Decimal 12836608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3DF00 }
```

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

```
.background{ background-color:#C3DF00 }
```

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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