

Converting Colors

Decimal(12836726)

Have a look what the booklet for
Decimal(12836726) contains.

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Color

Decimal(12836726)

Conversions

Conversions Part 1

Format	Color
Hex	C3DF76
RGB	195, 223, 118
RGB Percent	76%, 87%, 46%
CMY	0.2353, 0.1255, 0.5373
CMYK	0.13, 0.00, 0.47, 0.13
HSL	76°, 62%, 67%
HSV	76°, 47%, 87%
XYZ	52.1634, 65.6855, 27.0688
YIQ	202.6580, 17.0170, -38.5910

Conversions

Conversions Part 2

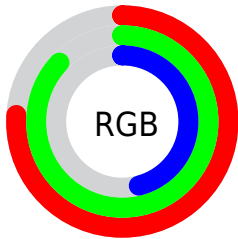
Format	Color
RYB	118, 223, 146
Decimal	12836726
CIELab	84.84, -25.27, 48.10
CIELCh	85, 54.332, 117.717
Yxy	65.6855, 0.3600, 0.4533
Android (android.graphics.Color)	4291026806 (0xFFC3DF76)
YUV	202.6580, -41.7364, -6.7161
Hunter-Lab	81.0466, -26.9449, 36.9303

Details

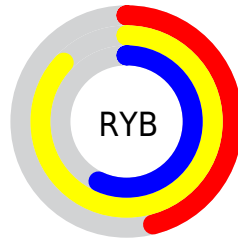
The Decimal color **12836726** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9598687**, and the grayscale version is **13355979**.

A 20% lighter version of the original color is **16646060**, and **9152578** is the 20% darker color. If you saturate the color by 10%, you get **12443488**, and if you desaturate by 10%, it is **13229964**.

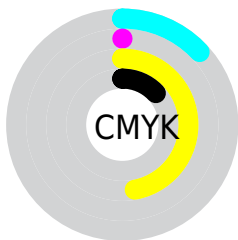
Distribution



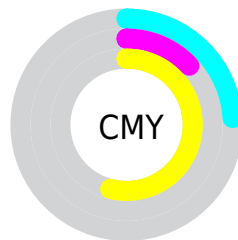
- Red (76%)
- Green (87%)
- Blue (46%)



- Red (46%)
- Yellow (87%)
- Blue (57%)



- Cyan (13%)
- Magenta (0%)
- Yellow (47%)
- Black (13%)

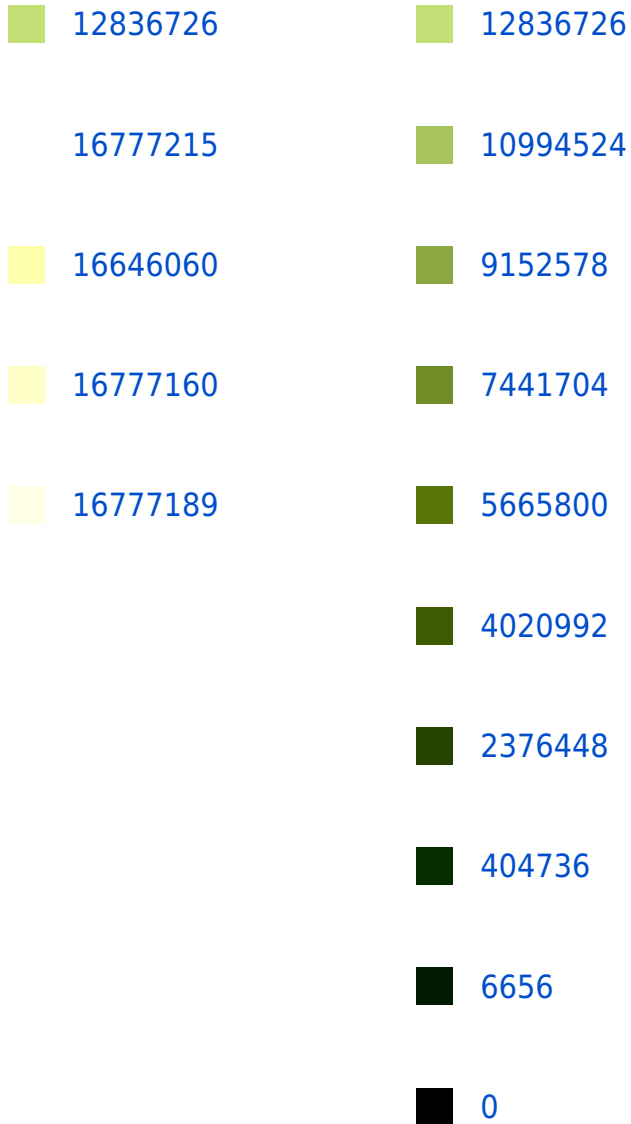


- Cyan (24%)
- Magenta (13%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12836726 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 12836726 by changing the saturation by 10% instead.



 12836726

 12836726

 12443488

 13229964

 12050249

 13623203

 11657011


 14016441

 11263773

 14409679

 10870534

 14802918

 10804992

 15196156

 15589375

 15982591

 16375807

Harmonies

Analogous

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



16240747



12836726



8710555

Triad

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



12836726



59391



16755418

Complementary

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



12836726



9598687

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.



16758271



12836726



7723775

Square

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



12836726



61183



13814015



16756391

Rectangle

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



12836726



4910524



13814015



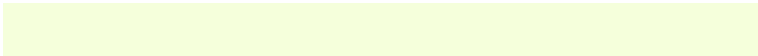
16755947

Sweetspot

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



12836726



16121819



14652022



8028266



0



8421504

Same Dimension

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



12836726



14221166



9428854



7172197



8499200



2371584

Inverse Universe

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



9598687



9727743



13072095



6841712



3080368



852016

Previews

White Background



This preview shows how the Decimal color 12836726 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 12836726 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 12836726 Background



This preview shows how black text looks on a background with the Decimal color 12836726.

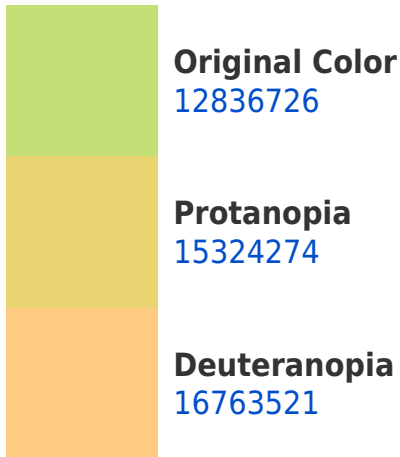


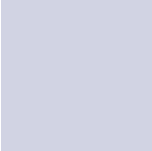
This preview shows how white text looks on a background with the Decimal color 12836726.

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
13751267

Trichromacy



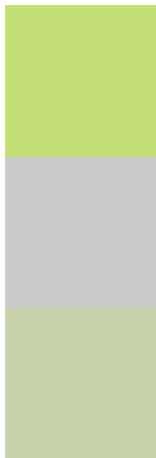
Original Color
12836726

Protanomaly
14407795

Deuteranomaly
15323773

Tritanomaly
13424571

Monochromacy



Original Color
12836726

Achromatopsia
13355979

Achromatomaly
13161132

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12836726 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 #C3DF76 looks like.

```
.text, #text, p{  
    color:#C3DF76  
}
```

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 #C3DF76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3DF76
}
```

Border

The CSS property to change the border of an element to Decimal 12836726 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
#C3DF76 }
```

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

```
.border{ border-color:#C3DF76 }
```

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

Here you see how a box with a 4 pixel #C3DF76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3DF76; -webkit-box-shadow:4px 4px  
4px 4px #C3DF76; box-shadow:4px 4px 4px  
4px #C3DF76 }
```

Background

The CSS property to change the background color of an element to Decimal 12836726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3DF76 }
```

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

```
.background{ background-color:#C3DF76 }
```

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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