

Converting Colors

Decimal(12771959)

Have a look what the booklet for
Decimal(12771959) contains.

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Color

Decimal(12771959)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C2E277 |
| RGB | 194, 226, 119 |
| RGB Percent | 76%, 89%, 47% |
| CMY | 0.2392, 0.1137, 0.5333 |
| CMYK | 0.14, 0.00, 0.47, 0.11 |
| HSL | 78°, 65%, 68% |
| HSV | 78°, 47%, 89% |
| XYZ | 52.7743, 67.1940, 27.6410 |
| YIQ | 204.2340, 15.2750, -40.0610 |

Conversions

Conversions Part 2

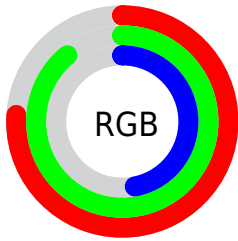
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 119, 226, 151 |
| Decimal | 12771959 |
| CIELab | 85.60, -26.98, 48.54 |
| CIELCh | 86, 55.533, 119.068 |
| Yxy | 67.1940, 0.3575, 0.4552 |
| Android (android.graphics.Color) | 4290962039 (0xFFC2E277) |
| YUV | 204.2340, -42.0204, -8.9752 |
| Hunter-Lab | 81.9719, -28.5309, 37.3877 |

Details

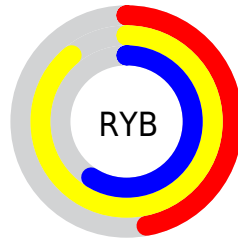
The Decimal color **12771959** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9926626**, and the grayscale version is **13487565**.

A 20% lighter version of the original color is **16580525**, and **9087811** is the 20% darker color. If you saturate the color by 10%, you get **12313184**, and if you desaturate by 10%, it is **13230734**.

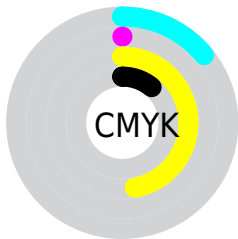
Distribution



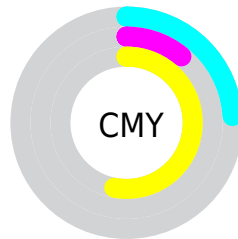
- Red (76%)
- Green (89%)
- Blue (47%)



- Red (47%)
- Yellow (89%)
- Blue (59%)



- Cyan (14%)
- Magenta (0%)
- Yellow (47%)
- Black (11%)



- Cyan (24%)
- Magenta (11%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12771959 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 12771959 by changing the saturation by 10% instead.

■ 12771959

■ 12771959

16777215

■ 10929757

■ 16580525

■ 9087811

■ 16777161

■ 7311401

■ 16777190

■ 5600777

■ 3890432

■ 2246144

■ 208640

■ 7168

■ 0

■ 12771959

■ 12771959

■ 12313184

■ 13230734

■ 11854410

■ 13689508

■ 11461171

■ 14082747

■ 11002397

■ 14541521

■ 10543622

■ 15000296

■ 10412544

■ 15459071

■ 15852287

■ 16311039

■ 16769791

Harmonies

Analogous

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



16241258



12771959



8514718

Triad

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



12771959



59903



16755674

Complementary

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



12771959



9926626

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



12771959



7986431

Square

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



12771959



61695



14207487



16756646

Rectangle

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



12771959



4321472



14207487



16756204

Sweetspot

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



12771959



16056283



14849399



7962730



0



8421504

Same Dimension

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



12771959



13959022



9364087



7172197



8105984



2240512

Inverse Universe

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



9926626



10055423



13334498



6841712



3473584



917552

Previews

White Background



This preview shows how the Decimal color 12771959 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 12771959 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 12771959 Background



This preview shows how black text looks on a background with the Decimal color 12771959.



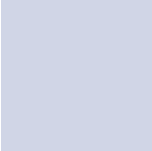
This preview shows how white text looks on a background with the Decimal color 12771959.

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
13686246

Trichromacy



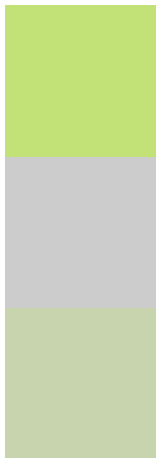
Original Color
12771959

Protanomaly
14473844

Deuteranomaly
15324547

Tritanomaly
13359806

Monochromacy



Original Color
12771959

Achromatopsia
13421772

Achromatomaly
13161645

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12771959 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 #C2E277 looks like.

```
.text, #text, p{  
    color:#C2E277  
}
```

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 #C2E277 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2E277
}
```

Border

The CSS property to change the border of an element to Decimal 12771959 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
#C2E277 }
```

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

```
.border{ border-color:#C2E277 }
```

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

Here you see how a box with a 4 pixel `#C2E277` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2E277; -webkit-box-shadow:4px 4px  
4px 4px #C2E277; box-shadow:4px 4px 4px  
4px #C2E277 }
```

Background

The CSS property to change the background color of an element to Decimal 12771959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2E277 }
```

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

```
.background{ background-color:#C2E277 }
```

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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