

Converting Colors

Decimal(12769319)

Have a look what the booklet for
Decimal(12769319) contains.

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Color

Decimal(12769319)

Conversions

Conversions Part 1

Format	Color
Hex	C2D827
RGB	194, 216, 39
RGB Percent	76%, 85%, 15%
CMY	0.2392, 0.1529, 0.8471
CMYK	0.10, 0.00, 0.82, 0.15
HSL	67°, 69%, 50%
HSV	67°, 82%, 85%
XYZ	47.1702, 60.7276, 11.1549
YIQ	189.2440, 43.7050, -59.7110

Conversions

Conversions Part 2

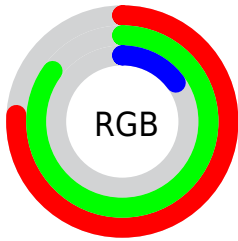
Format	Color
RYB	39, 216, 61
Decimal	12769319
CIELab	82.23, -27.55, 75.78
CIELCh	82, 80.635, 109.978
Yxy	60.7276, 0.3962, 0.5101
Android (android.graphics.Color)	4290959399 (0xFFC2D827)
YUV	189.2440, -74.0703, 4.1710
Hunter-Lab	77.9279, -28.3267, 46.0625

Details

The Decimal color **12769319** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **4007896**, and the grayscale version is **12500670**.

A 20% lighter version of the original color is **16711526**, and **8954112** is the 20% darker color. If you saturate the color by 10%, you get **12572689**, and if you desaturate by 10%, it is **12965949**.

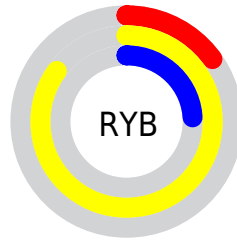
Distribution



Red (76%)

Green (85%)

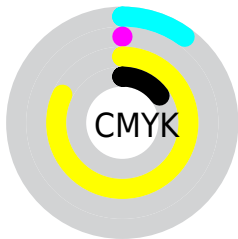
Blue (15%)



Red (15%)

Yellow (85%)

Blue (24%)

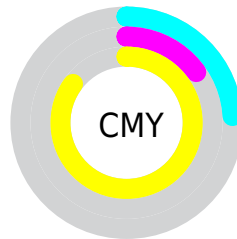


Cyan (10%)

Magenta (0%)

Yellow (82%)

Black (15%)



Cyan (24%)



















Magenta (15%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12769319 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 12769319 by changing the saturation by 10% instead.

 12769319	 12769319
 16777215	 10861568
 16711526	 8954112
 16777091	 7112448
 16777120	 5271040
 16777149	 3429632
 16777178	 1523200
 16777208	 10240
	 3840
	 0

■ 12769319

■ 12769319

■ 12572689

■ 12965949

■ 12441600

■ 13097042

■ 13293672

■ 13490301

■ 13621395

■ 13818025

■ 14014654

■ 14145748

■ 14342377

Harmonies

Analogous

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



16760866



12769319



6481765

Triad

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



12769319



60415



16746217

Complementary

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



12769319



4007896

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.



16753407



12769319



56831

Square

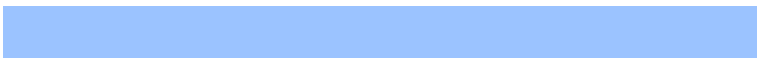
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



12769319



61694



10208255



16746141

Rectangle

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



12769319



60822



10208255



16748031

Sweetspot

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



12769319



16252863



14171175



8093785



0



8421504

Same Dimension

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



12769319



14745349



7067687



6974304



9874176



2501376

Inverse Universe

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



4007896



2360831



9709528



6447211



1376427



327723

Previews

White Background



This preview shows how the Decimal color 12769319 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 12769319 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 12769319 Background



This preview shows how black text looks on a background with the Decimal color 12769319.

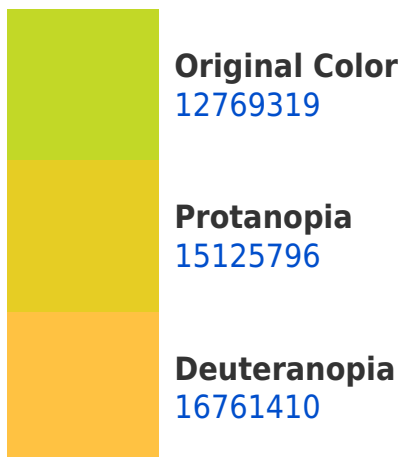


This preview shows how white text looks on a background with the Decimal color 12769319.

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
13814233

Trichromacy



Original Color
12769319

Protanomaly
14274853

Deuteranomaly
15321656

Tritanomaly
13422232

Monochromacy



Original Color
12769319

Achromatopsia
12434877

Achromatomaly
12568454

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12769319 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 #C2D827 looks like.

```
.text, #text, p{  
  color:#C2D827  
}
```

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 #C2D827 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2D827
}
```

Border

The CSS property to change the border of an element to Decimal 12769319 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
#C2D827 }
```

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

```
.border{ border-color:#C2D827 }
```

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

Here you see how a box with a 4 pixel #C2D827 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2D827; -webkit-box-shadow:4px 4px  
4px 4px #C2D827; box-shadow:4px 4px 4px  
4px #C2D827 }
```

Background

The CSS property to change the background color of an element to Decimal 12769319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2D827 }
```

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

```
.background{ background-color:#C2D827 }
```

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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