

Converting Colors

Decimal(12709750)

Have a look what the booklet for
Decimal(12709750) contains.

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Color

Decimal(12709750)

Conversions

Conversions Part 1

Format	Color
Hex	C1EF76
RGB	193, 239, 118
RGB Percent	76%, 94%, 46%
CMY	0.2431, 0.0627, 0.5373
CMYK	0.19, 0.00, 0.51, 0.06
HSL	83°, 79%, 70%
HSV	83°, 51%, 94%
XYZ	56.1288, 74.3785, 28.5377
YIQ	211.4520, 11.4250, -47.3830

Conversions

Conversions Part 2

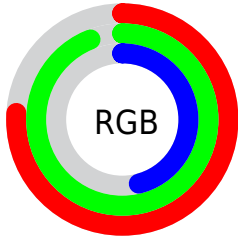
Format	Color
RYB	118, 239, 164
Decimal	12709750
CIELab	89.10, -33.53, 53.22
CIELCh	89, 62.901, 122.217
Yxy	74.3785, 0.3529, 0.4677
Android (android.graphics.Color)	4290899830 (0xFFC1EF76)
YUV	211.4520, -46.0718, -16.1824
Hunter-Lab	86.2430, -34.7534, 40.7511

Details

The Decimal color **12709750** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **10778351**, and the grayscale version is **13948116**.

A 20% lighter version of the original color is **16514989**, and **9025345** is the 20% darker color. If you saturate the color by 10%, you get **12119902**, and if you desaturate by 10%, it is **13299598**.

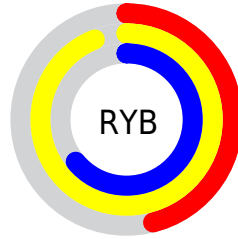
Distribution



Red (76%)

Green (94%)

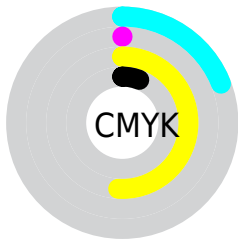
Blue (46%)



Red (46%)

Yellow (94%)

Blue (64%)

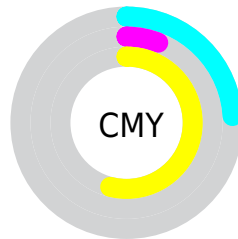


Cyan (19%)

Magenta (0%)

Yellow (51%)

Black (6%)



Cyan (24%)

Magenta (6%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12709750 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 12709750 by changing the saturation by 10% instead.

 12709750

 12709750

16777215

 10867547

 16514989

 9025345

 16777161

 7248933

 16777190

 5472768

 3696640

 1921024

 14336

 9216

 0

 12709750

 12709750

 12119902

 13299598

 11530054

 13889446

 10940206

 14479294

 10350358

 15069142

 9760512

 15658989

 16314367

 16773119

Harmonies

Analogous

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



16768611



12709750



7469734

Triad

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



12709750



62975



16756190

Complementary

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



12709750



10778351

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.



16759039



12709750



8119807

Square

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



12709750



65023



15388415



16757923

Rectangle

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



12709750



64974



15388415



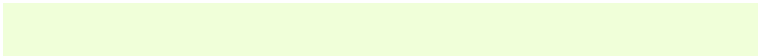
16756466

Sweetspot

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



12709750



15794137



15704694



7831657



0



8421504

Same Dimension

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



12709750



12910435



8843126



7567468



7518208



2308096

Inverse Universe

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



10778351



10445823



14644975



7367800



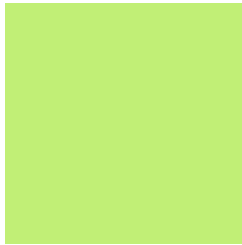
4587704



1376312

Previews

White Background



This preview shows how the Decimal color 12709750 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 12709750 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 12709750 Background



This preview shows how black text looks on a background with the Decimal color 12709750.

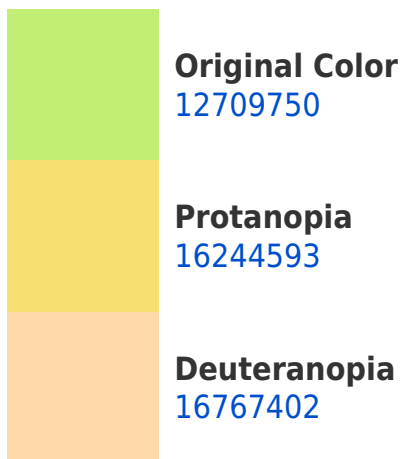


This preview shows how white text looks on a background with the Decimal color 12709750.

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



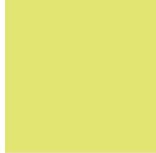


Tritanopia
13754867

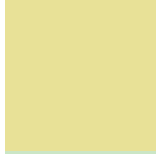
Trichromacy



Original Color
12709750



Protanomaly
14935411



Deuteranomaly
15262103

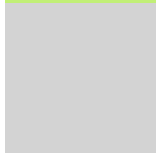


Tritanomaly
13362886

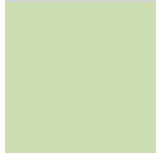
Monochromacy



Original Color
12709750



Achromatopsia
13882323



Achromatomaly
13426097

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12709750 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 #C1EF76 looks like.

```
.text, #text, p{  
    color:#C1EF76  
}
```

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 #C1EF76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1EF76
}
```

Border

The CSS property to change the border of an element to Decimal 12709750 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
#C1EF76 }
```

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

```
.border{ border-color:#C1EF76 }
```

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

Here you see how a box with a 4 pixel #C1EF76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1EF76; -webkit-box-shadow:4px 4px  
4px 4px #C1EF76; box-shadow:4px 4px 4px  
4px #C1EF76 }
```

Background

The CSS property to change the background color of an element to Decimal 12709750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1EF76 }
```

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

```
.background{ background-color:#C1EF76 }
```

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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