

Converting Colors

Decimal(12904318)

Have a look what the booklet for
Decimal(12904318) contains.

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Color

Decimal(12904318)

Conversions

Conversions Part 1

Format	Color
Hex	C4E77E
RGB	196, 231, 126
RGB Percent	77%, 91%, 49%
CMY	0.2314, 0.0941, 0.5059
CMYK	0.15, 0.00, 0.45, 0.09
HSL	80°, 69%, 70%
HSV	80°, 45%, 91%
XYZ	55.1068, 70.3939, 30.4216
YIQ	208.5650, 12.8450, -40.0750

Conversions

Conversions Part 2

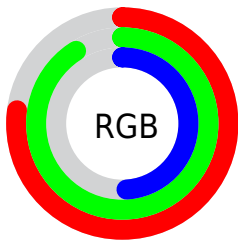
Format	Color
RYB	126, 231, 161
Decimal	12904318
CIELab	87.19, -27.86, 47.16
CIELCh	87, 54.777, 120.568
Yxy	70.3939, 0.3534, 0.4515
Android (android.graphics.Color)	4291094398 (0xFFC4E77E)
YUV	208.5650, -40.7045, -11.0195
Hunter-Lab	83.9011, -29.5870, 37.2329

Details

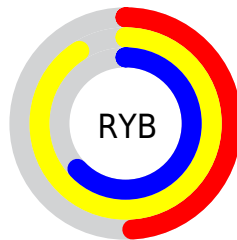
The Decimal color **12904318** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **10583783**, and the grayscale version is **13750737**.

A 20% lighter version of the original color is **16711604**, and **9219914** is the 20% darker color. If you saturate the color by 10%, you get **12380007**, and if you desaturate by 10%, it is **13428629**.

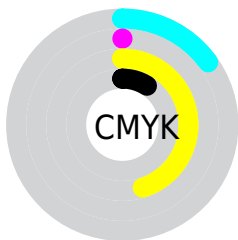
Distribution



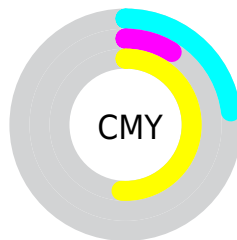
- Red (77%)
- Green (91%)
- Blue (49%)



- Red (49%)
- Yellow (91%)
- Blue (63%)



- Cyan (15%)
- Magenta (0%)
- Yellow (45%)
- Black (9%)



- Cyan (23%)
- Magenta (9%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12904318 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 12904318 by changing the saturation by 10% instead.

 12904318

 12904318

16777215

 11062116

 16711604

 9219914

 16777169

 7443760

 16777197

 5733140

 4022784

 2443776

 340736

 8192

 0

 12904318

 12904318

 12380007

 13428629

 11921232

 13887404

 11396921


 14411715

 10872610

 14936026

 10413834

 15460338

 10151680

 15919103

 16443391

 16771071

Harmonies

Analogous

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



16373872



12904318



8647077

Triad

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



12904318



60927



16756955

Complementary

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



12904318



10583783

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.



16759551



12904318



8839167

Square

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



12904318



62719



14732543



16758184

Rectangle

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



12904318



4650184



14732543



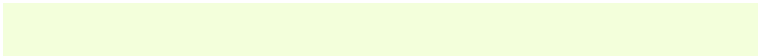
16757485

Sweetspot

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



12904318



15990747



15180158



7897194



0



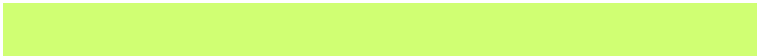
8421504

Same Dimension

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



12904318



13696883



9430910



7304039



7844608



2241280

Inverse Universe

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



10583783



10580991



14057191



7038835



3866803



1114163

Previews

White Background



This preview shows how the Decimal color 12904318 looks on a white background.

Color Contrast Check

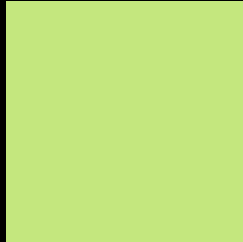
Large Text (above 18pt) WCAG AA × Fail

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 12904318 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 12904318 Background



This preview shows how black text looks on a background with the Decimal color 12904318.

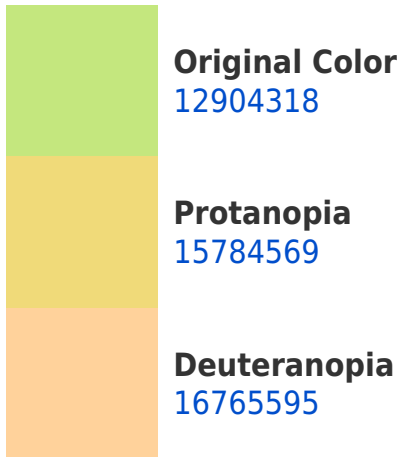


This preview shows how white text looks on a background with the Decimal color 12904318.

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
13818604

Trichromacy



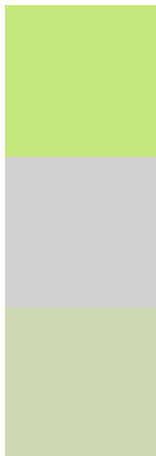
Original Color
12904318

Protanomaly
14737275

Deuteranomaly
15391376

Tritanomaly
13492164

Monochromacy



Original Color
12904318

Achromatopsia
13750737

Achromatomaly
13425075

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12904318 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 #C4E77E looks like.

```
.text, #text, p{  
    color:#C4E77E  
}
```

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 #C4E77E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4E77E
}
```

Border

The CSS property to change the border of an element to Decimal 12904318 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
#C4E77E }
```

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

```
.border{ border-color:#C4E77E }
```

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

Here you see how a box with a 4 pixel #C4E77E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4E77E; -webkit-box-shadow:4px 4px  
4px 4px #C4E77E; box-shadow:4px 4px 4px  
4px #C4E77E }
```

Background

The CSS property to change the background color of an element to Decimal 12904318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4E77E }
```

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

```
.background{ background-color:#C4E77E }
```

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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