

Converting Colors

Decimal(12773002)

Have a look what the booklet for
Decimal(12773002) contains.

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Color

Decimal(12773002)

Conversions

Conversions Part 1

Format	Color
Hex	C2E68A
RGB	194, 230, 138
RGB Percent	76%, 90%, 54%
CMY	0.2392, 0.0980, 0.4588
CMYK	0.16, 0.00, 0.40, 0.10
HSL	83°, 65%, 72%
HSV	83°, 40%, 90%
XYZ	55.1324, 69.8979, 34.6306
YIQ	208.7480, 8.0760, -36.2440

Conversions

Conversions Part 2

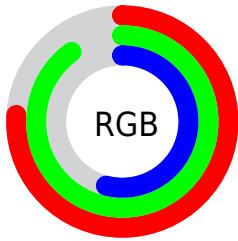
Format	Color
RYB	138, 230, 174
Decimal	12773002
CIELab	86.95, -26.75, 40.97
CIELCh	87, 48.931, 123.134
Yxy	69.8979, 0.3453, 0.4378
Android (android.graphics.Color)	4290963082 (0xFFC2E68A)
YUV	208.7480, -34.8788, -12.9340
Hunter-Lab	83.6050, -28.5989, 33.9646

Details

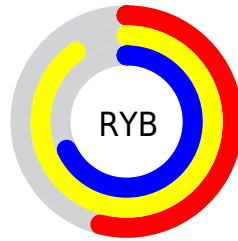
The Decimal color **12773002** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **11438822**, and the grayscale version is **13750737**.

A 20% lighter version of the original color is **16580545**, and **9154134** is the 20% darker color. If you saturate the color by 10%, you get **12183155**, and if you desaturate by 10%, it is **13362849**.

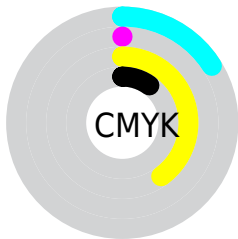
Distribution



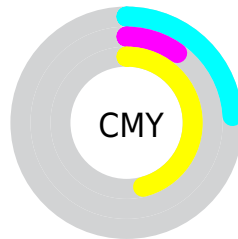
- Red (76%)
- Green (90%)
- Blue (54%)



- Red (54%)
- Yellow (90%)
- Blue (68%)



- Cyan (16%)
- Magenta (0%)
- Yellow (40%)
- Black (10%)



- Cyan (24%)
- Magenta (10%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12773002 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 12773002 by changing the saturation by 10% instead.

 12773002

 12773002

16777215

 10930800

 16580545

 9154134

 16777181

 7377981


 16777210

 5667364

 4022536

 2377984

 537088

 7936

 0

 12773002

 12773002

 12183155

 13362849

 11593308

 13952696

 11003461

 14542543

 10413614

 15132390

 9823767

 15722237

 9233920

 16312063

 16770815

Harmonies

Analogous

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



15980924



12773002



9039790

Triad

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



12773002



3664639



16758231

Complementary

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



12773002



11438822

Split Complementary

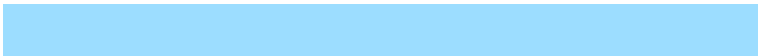
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16760063



12773002



10280447

Square

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



12773002



61951



15060223



16759465

Rectangle

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



12773002



5960397



15060223



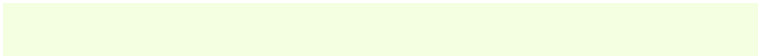
16758502

Sweetspot

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



12773002



15990752



15117706



7962734



0



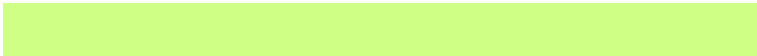
8421504

Same Dimension

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



12773002



13631365



9823882



7238503



7189248



2044672

Inverse Universe

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



11438822



11830783



14387942



7104371



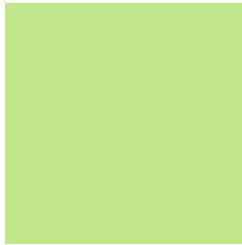
4587699



1310771

Previews

White Background



This preview shows how the Decimal color 12773002 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 12773002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

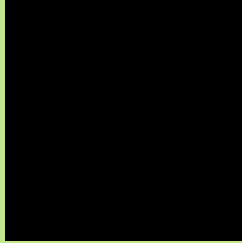
Any Text WCAG AA ✓ Pass

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 12773002 Background



This preview shows how black text looks on a background with the Decimal color 12773002.



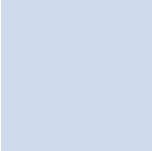
This preview shows how white text looks on a background with the Decimal color 12773002.

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
13621996

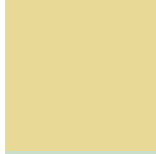
Trichromacy



Original Color
12773002



Protanomaly
14540423



Deuteranomaly
15325590

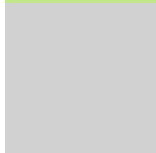


Tritanomaly
13295304

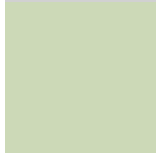
Monochromacy



Original Color
12773002



Achromatopsia
13750737



Achromatomaly
13425079

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12773002 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 #C2E68A looks like.

```
.text, #text, p{  
    color:#C2E68A  
}
```

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 #C2E68A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2E68A
}
```

Border

The CSS property to change the border of an element to Decimal 12773002 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
#C2E68A }
```

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

```
.border{ border-color:#C2E68A }
```

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

Here you see how a box with a 4 pixel #C2E68A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2E68A; -webkit-box-shadow:4px 4px  
4px 4px #C2E68A; box-shadow:4px 4px 4px  
4px #C2E68A }
```

Background

The CSS property to change the background color of an element to Decimal 12773002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2E68A }
```

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

```
.background{ background-color:#C2E68A }
```

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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