

Converting Colors

Decimal(12517235)

Have a look what the booklet for
Decimal(12517235) contains.

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Color

Decimal(12517235)

Conversions

Conversions Part 1

Format	Color
Hex	BEFF73
RGB	190, 255, 115
RGB Percent	75%, 100%, 45%
CMY	0.2549, 0.0000, 0.5490
CMYK	0.25, 0.00, 0.55, 0.00
HSL	88°, 100%, 73%
HSV	88°, 55%, 100%
XYZ	60.0897, 83.7050, 29.2093
YIQ	219.6050, 6.2000, -57.3200

Conversions

Conversions Part 2

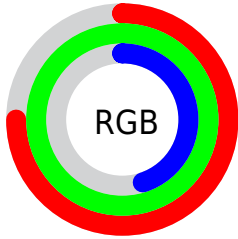
Format	Color
RYB	115, 255, 180
Decimal	12517235
CIELab	93.32, -42.08, 59.50
CIELCh	93, 72.878, 125.273
Yxy	83.7050, 0.3473, 0.4838
Android (android.graphics.Color)	4290707315 (0xFFBEFF73)
YUV	219.6050, -51.5703, -25.9636
Hunter-Lab	91.4904, -42.8717, 45.1143

Details

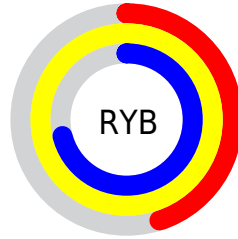
The Decimal color **12517235** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **11826175**, and the grayscale version is **14474460**.

A 20% lighter version of the original color is **16383914**, and **8767036** is the 20% darker color. If you saturate the color by 10%, you get **11730778**, and if you desaturate by 10%, it is **13303693**.

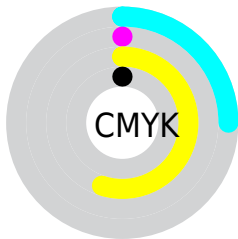
Distribution



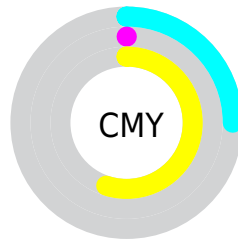
- Red (75%)
- Green (100%)
- Blue (45%)



- Red (45%)
- Yellow (100%)
- Blue (71%)



- Cyan (25%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12517235 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 12517235 by changing the saturation by 10% instead.

 12517235

 12517235

16777215

 10609240

 16383914

 8767036

 16777159

 6924829


 16777188

 5083136

 3175680

 875520

 17408

 11520

 5120

■ 12517235

■ 12517235

■ 11730778

■ 13303693

■ 10944320

■ 14090150

■ 10157862

■ 14876608

■ 9436941

■ 15597529

■ 9043712

■ 16383987

16777215

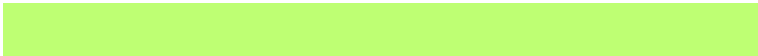
Harmonies

Analogous

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



16772183



12517235



5373870

Triad

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



12517235



65535



16756194

Complementary

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



12517235



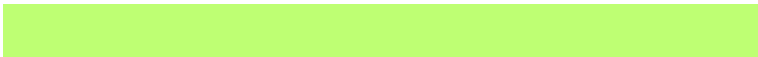
11826175

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.



16759295



12517235



8056831

Square

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



12517235



65535



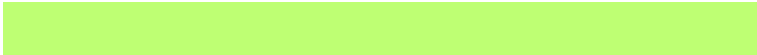
16766207



16759198

Rectangle

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



12517235



65502



16766207



16756730

Sweetspot

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



12517235



15531990



16757363



7635047



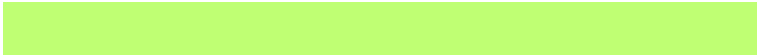
0



8421504

Same Dimension

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



12517235



11665239



8060787



8028275



6733568



2244608

Inverse Universe

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



11826175



10835967



16282623



7959424



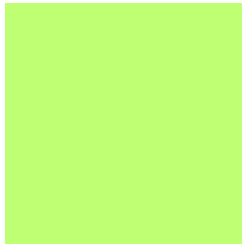
5832895



1966144

Previews

White Background



This preview shows how the Decimal color 12517235 looks on a white background.

Color Contrast Check

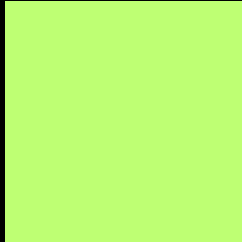
Large Text (above 18pt) WCAG AA × Fail

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 12517235 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

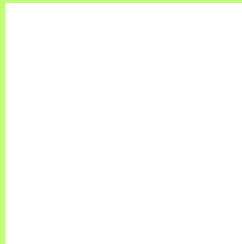
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 12517235 Background



This preview shows how black text looks on a background with the Decimal color 12517235.

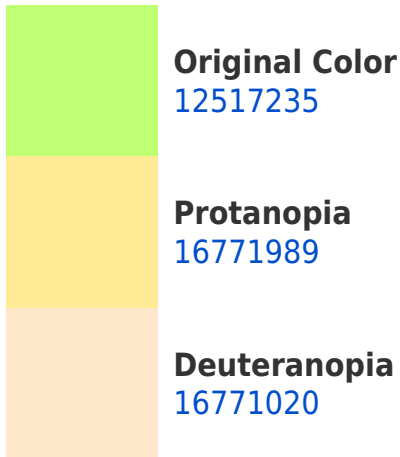


This preview shows how white text looks on a background with the Decimal color 12517235.

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



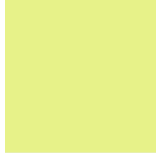


Tritanopia
14086143

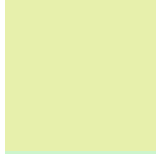
Trichromacy



Original Color
12517235



Protanomaly
15200905

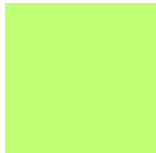


Deuteranomaly
15200428

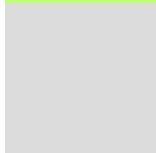


Tritanomaly
13497804

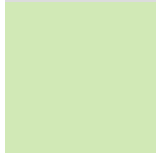
Monochromacy



Original Color
12517235



Achromatopsia
14474460



Achromatomaly
13756854

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12517235 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 #BEFF73 looks like.

```
.text, #text, p{  
    color:#BEFF73  
}
```

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 #BEFF73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEFF73
}
```

Border

The CSS property to change the border of an element to Decimal 12517235 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
#BEFF73 }
```

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

```
.border{ border-color:#BEFF73 }
```

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

Here you see how a box with a 4 pixel #BEFF73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEFF73; -webkit-box-shadow:4px 4px  
4px 4px #BEFF73; box-shadow:4px 4px 4px  
4px #BEFF73 }
```

Background

The CSS property to change the background color of an element to Decimal 12517235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEFF73 }
```

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

```
.background{ background-color:#BEFF73 }
```

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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