

Converting Colors

Decimal(15007605)

Have a look what the booklet for
Decimal(15007605) contains.

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Color

Decimal(15007605)

Conversions

Conversions Part 1

Format	Color
Hex	E4FF75
RGB	228, 255, 117
RGB Percent	89%, 100%, 46%
CMY	0.1059, 0.0000, 0.5412
CMYK	0.11, 0.00, 0.54, 0.00
HSL	72°, 100%, 73%
HSV	72°, 54%, 100%
XYZ	70.9658, 89.2983, 30.3256
YIQ	231.1950, 28.2060, -48.6420

Conversions

Conversions Part 2

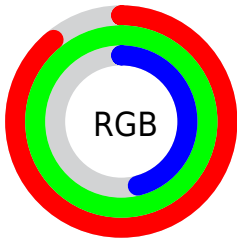
Format	Color
RYB	117, 255, 144
Decimal	15007605
CIELab	95.70, -27.89, 61.98
CIELCh	96, 67.968, 114.223
Yxy	89.2983, 0.3723, 0.4685
Android (android.graphics.Color)	4293197685 (0xFFE4FF75)
YUV	231.1950, -56.2981, -2.8020
Hunter-Lab	94.4978, -31.3215, 47.1215

Details

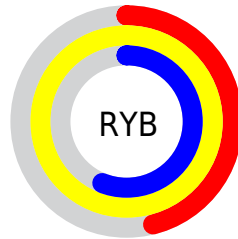
The Decimal color **15007605** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **9467391**, and the grayscale version is **15263976**.

A 20% lighter version of the original color is **16777133**, and **11191870** is the 20% darker color. If you saturate the color by 10%, you get **14679899**, and if you desaturate by 10%, it is **15335311**.

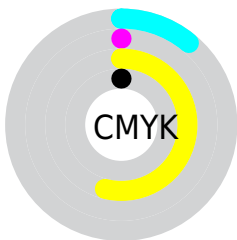
Distribution



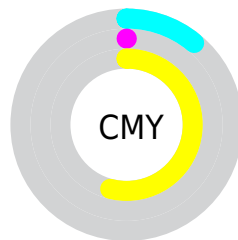
- Red (89%)
- Green (100%)
- Blue (46%)



- Red (46%)
- Yellow (100%)
- Blue (56%)



- Cyan (11%)
- Magenta (0%)
- Yellow (54%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15007605 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 15007605 by changing the saturation by 10% instead.

 15007605

 15007605

16777215

 13099610

 16777133

 11191870

 16777161

 9349919

 16777190

 7507968

 5732096

 4021760

 2180608

 77568

 7168

■ 15007605

■ 15007605

■ 14679899

■ 15335311

■ 14352194

■ 15663016

■ 14024488

■ 15990722

■ 13696783

■ 16318427

■ 13500160

■ 16646132

16777215

Harmonies

Analogous

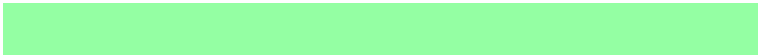
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16771947



15007605



9764771

Triad

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



15007605



65535



16760063

Complementary

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



15007605



9467391

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.



16764415



15007605



4849407

Square

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



15007605



65535



14870271



16760512

Rectangle

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



15007605



3932109



14870271



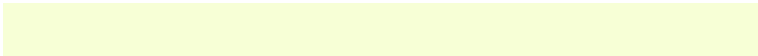
16760831

Sweetspot

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



15007605



16252886



16748149



8093799



0



8421504

Same Dimension

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



15007605



14679897



10616693



8224883



10141440



3358720

Inverse Universe

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



9467391



8018431



13858303



7697280



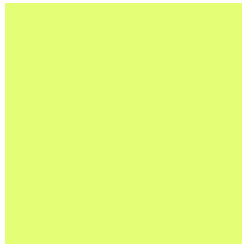
2425023



786496

Previews

White Background



This preview shows how the Decimal color 15007605 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 15007605 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 15007605 Background



This preview shows how black text looks on a background with the Decimal color 15007605.

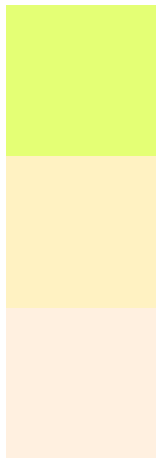


This preview shows how white text looks on a background with the Decimal color 15007605.

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



Original Color
15007605

Protanopia
16773826

Deuteranopia
16773344

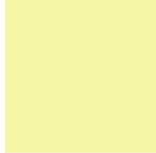


Tritanopia
16052479

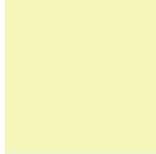
Trichromacy



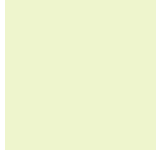
Original Color
15007605



Protanomaly
16119718



Deuteranomaly
16119225

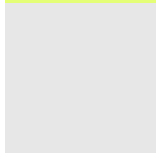


Tritanomaly
15660493

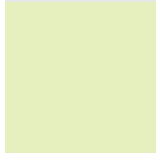
Monochromacy



Original Color
15007605



Achromatopsia
15198183



Achromatomaly
15134910

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15007605 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 #E4FF75 looks like.

```
.text, #text, p{  
    color:#E4FF75  
}
```

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 #E4FF75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4FF75
}
```

Border

The CSS property to change the border of an element to Decimal 15007605 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
#E4FF75 }
```

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

```
.border{ border-color:#E4FF75 }
```

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

Here you see how a box with a 4 pixel #E4FF75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4FF75; -webkit-box-shadow:4px 4px  
4px 4px #E4FF75; box-shadow:4px 4px 4px  
4px #E4FF75 }
```

Background

The CSS property to change the background color of an element to Decimal 15007605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4FF75 }
```

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

```
.background{ background-color:#E4FF75 }
```

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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