

Converting Colors

Decimal(15007510)

Have a look what the booklet for
Decimal(15007510) contains.

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Color

Decimal(15007510)

Conversions

Conversions Part 1

Format	Color
Hex	E4FF16
RGB	228, 255, 22
RGB Percent	89%, 100%, 9%
CMY	0.1059, 0.0000, 0.9137
CMYK	0.11, 0.00, 0.91, 0.00
HSL	67°, 100%, 54%
HSV	67°, 91%, 100%
XYZ	67.8997, 88.0719, 14.1799
YIQ	220.3650, 58.7010, -78.1870

Conversions

Conversions Part 2

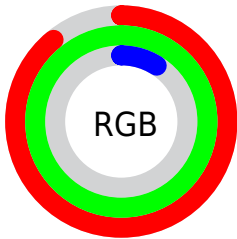
Format	Color
R _Y B	22, 255, 49
Decimal	15007510
CIE Lab	95.19, -32.30, 90.33
CIE LCh	95, 95.934, 109.676
Yxy	88.0719, 0.3991, 0.5176
Android (android.graphics.Color)	4293197590 (0xFFE4FF16)
YUV	220.3650, -97.7939, 6.6959
Hunter-Lab	93.8466, -35.0837, 56.7341

Details

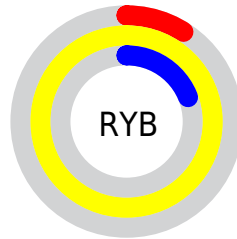
The Decimal color **15007510** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light washed yellow. A complement of this color would be **3217151**, and the grayscale version is **14540253**.

A 20% lighter version of the original color is **16777061**, and **11060736** is the 20% darker color. If you saturate the color by 10%, you get **14810880**, and if you desaturate by 10%, it is **15204144**.

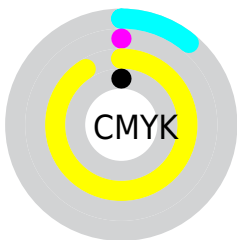
Distribution



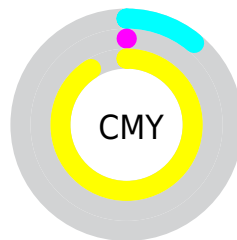
- Red (89%)
- Green (100%)
- Blue (9%)



- Red (9%)
- Yellow (100%)
- Blue (19%)



- Cyan (11%)
- Magenta (0%)
- Yellow (91%)
- Black (0%)



















- Cyan (11%)
- Magenta (0%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15007510 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 15007510 by changing the saturation by 10% instead.

 15007510	 15007510
16777215	 13033984
 16777061	 11060736
 16777092	 9087744
 16777122	 7180544
 16777152	 5273344
 16777182	 3366400
16777212	 1263104
	 12032
	 6912

 15007510

 15007510

 14810880

 15204144

 15400777

 15597410

 15794044

 15990677

 16187311

 16383945

 16580578

 16777211

Harmonies

Analogous

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



16769295



15007510



7143280

Triad

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



15007510



65535



16750847

Complementary

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



15007510



3217151

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



15007510



65535

Square

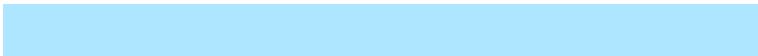
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15007510



65535



11462399



16750776

Rectangle

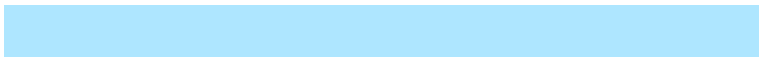
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15007510



65453



11462399



16753151

Sweetspot

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



15007510



16252858



16723222



8093783



0



8421504

Same Dimension

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



15007510



14810880



7601942



8290419



11124480



3686400

Inverse Universe

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



3217151



1966335



10622719



7631744



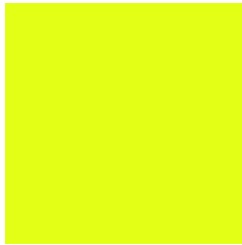
1441983



458816

Previews

White Background



This preview shows how the Decimal color 15007510 looks on a white background.

Color Contrast Check

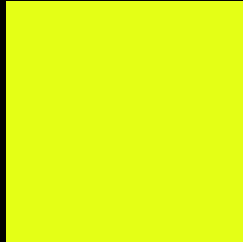
Large Text (above 18pt) WCAG AA × Fail

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 15007510 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 15007510 Background



This preview shows how black text looks on a background with the Decimal color 15007510.



This preview shows how white text looks on a background with the Decimal color 15007510.

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](#).

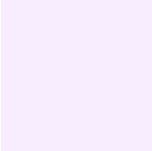
Dichromacy



Original Color
15007510

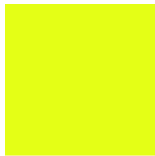
Protanopia
16773560

Deuteranopia
16772826

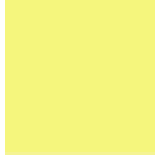


Tritanopia
16248319

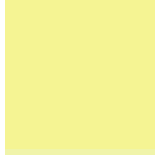
Trichromacy



Original Color
15007510



Protanomaly
16119421

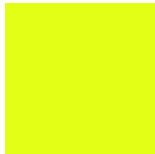


Deuteranomaly
16118931



Tritanomaly
15791274

Monochromacy



Original Color
15007510



Achromatopsia
14474460



Achromatomaly
14674324

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15007510 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 #E4FF16 looks like.

```
.text, #text, p{  
  color:#E4FF16  
}
```

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 #E4FF16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4FF16
}
```

Border

The CSS property to change the border of an element to Decimal 15007510 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
#E4FF16 }
```

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

```
.border{ border-color:#E4FF16 }
```

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

Here you see how a box with a 4 pixel #E4FF16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4FF16; -webkit-box-shadow:4px 4px  
4px 4px #E4FF16; box-shadow:4px 4px 4px  
4px #E4FF16 }
```

Background

The CSS property to change the background color of an element to Decimal 15007510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4FF16 }
```

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

```
.background{ background-color:#E4FF16 }
```

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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