

Converting Colors

Decimal(16510570)

Have a look what the booklet for
Decimal(16510570) contains.

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Color

Decimal(16510570)

Conversions

Conversions Part 1

Format	Color
Hex	FBEE6A
RGB	251, 238, 106
RGB Percent	98%, 93%, 42%
CMY	0.0157, 0.0667, 0.5843
CMYK	0.00, 0.05, 0.58, 0.02
HSL	55°, 95%, 70%
HSV	55°, 58%, 98%
XYZ	72.9597, 82.6989, 25.7528
YIQ	226.8390, 50.1200, -38.2960

Conversions

Conversions Part 2

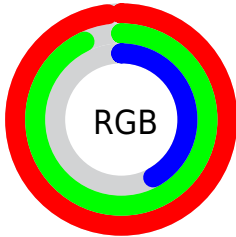
Format	Color
RYB	120, 251, 106
Decimal	16510570
CIELab	92.88, -11.51, 64.04
CIELCh	93, 65.069, 100.190
Yxy	82.6989, 0.4022, 0.4559
Android (android.graphics.Color)	4294700650 (0xFFFBEE6A)
YUV	226.8390, -59.5736, 21.1892
Hunter-Lab	90.9389, -15.9338, 46.8671

Details

The Decimal color **16510570** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **6977531**, and the grayscale version is **14935011**.

A 20% lighter version of the original color is **16777121**, and **12629554** is the 20% darker color. If you saturate the color by 10%, you get **16510033**, and if you desaturate by 10%, it is **16511107**.

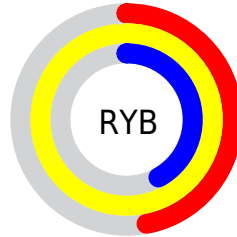
Distribution



Red (98%)

Green (93%)

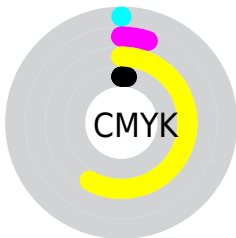
Blue (42%)



Red (47%)

Yellow (98%)

Blue (42%)

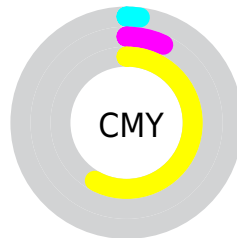


Cyan (0%)

Magenta (5%)

Yellow (58%)

Black (2%)



Cyan (2%)

Magenta (7%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16510570 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 16510570 by changing the saturation by 10% instead.

 16510570

 16510570

16777215

 14537295

 16777121

 12629554

 16777150

 10722318

 16777178

 8815104

 16777208

 7039232

 5263616

 3488256

 1844480

 4352

■ 16510570

■ 16510570

■ 16510033

■ 16511107

■ 16509240

■ 16511900

■ 16508703

■ 16512437

■ 16508166

■ 16512974

■ 16507904

■ 16513511

■ 16514303

■ 16514815

■ 16515071

Harmonies

Analogous

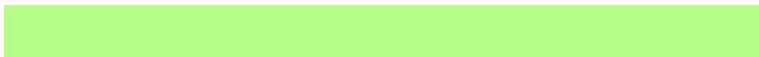
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16767091



16510570



12058247

Triad

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



16510570



65535



16760063

Complementary

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



16510570



6977531

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.



16765695



16510570



65023

Square

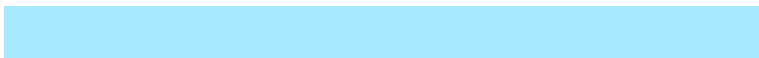
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16510570



65535



11004671



16758231

Rectangle

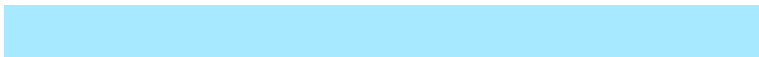
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16510570



8322986



11004671



16761599

Sweetspot

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



16510570



16776148



16476793



8420710



0



8421504

Same Dimension

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



16510570



16772943



12712810



8223856



12430336



4012032

Inverse Universe

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



6977531



5201919



10775291



7369341



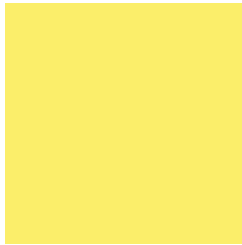
4541



1341

Previews

White Background



This preview shows how the Decimal color 16510570 looks on a white background.

Color Contrast Check

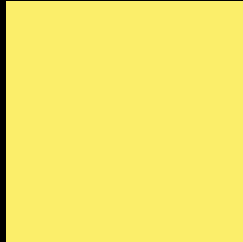
Large Text (above 18pt) WCAG AA × Fail

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 16510570 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 16510570 Background



This preview shows how black text looks on a background with the Decimal color 16510570.

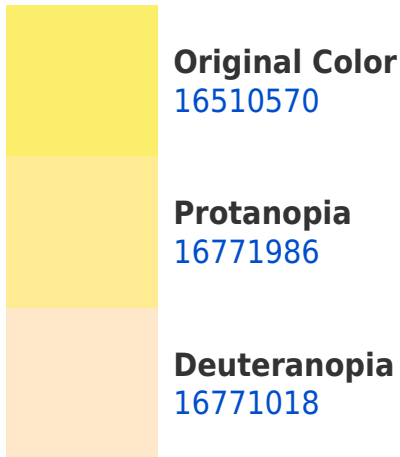


This preview shows how white text looks on a background with the Decimal color 16510570.

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
16770031

Trichromacy



Original Color
16510570



Protanomaly
16706691



Deuteranomaly
16706215

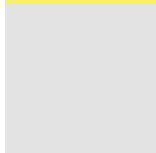


Tritanomaly
16705471

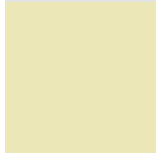
Monochromacy



Original Color
16510570



Achromatopsia
14935011



Achromatomaly
15525815

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16510570 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 #FBEE6A looks like.

```
.text, #text, p{  
    color:#FBEE6A  
}
```

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 #FBEE6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBEE6A
}
```

Border

The CSS property to change the border of an element to Decimal 16510570 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
#FBEE6A }
```

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

```
.border{ border-color:#FBEE6A }
```

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

Here you see how a box with a 4 pixel #FBEE6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBEE6A; -webkit-box-shadow:4px 4px  
4px 4px #FBEE6A; box-shadow:4px 4px 4px  
4px #FBEE6A }
```

Background

The CSS property to change the background color of an element to Decimal 16510570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBEE6A }
```

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

```
.background{ background-color:#FBEE6A }
```

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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