

Converting Colors

Decimal(16580250)

Have a look what the booklet for
Decimal(16580250) contains.

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Color

Decimal(16580250)

Conversions

Conversions Part 1

Format	Color
Hex	FCFE9A
RGB	252, 254, 154
RGB Percent	99%, 100%, 60%
CMY	0.0118, 0.0039, 0.3961
CMYK	0.01, 0.00, 0.39, 0.00
HSL	61°, 98%, 80%
HSV	61°, 39%, 100%
XYZ	81.4194, 93.9122, 44.4074
YIQ	242.0020, 30.9080, -31.5240

Conversions

Conversions Part 2

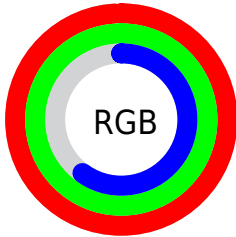
Format	Color
RYB	154, 254, 156
Decimal	16580250
CIELab	97.60, -14.78, 47.54
CIElCh	98, 49.782, 107.270
Yxy	93.9122, 0.3705, 0.4274
Android (android.graphics.Color)	4294770330 (0xFFFCFE9A)
YUV	242.0020, -43.3850, 8.7682
Hunter-Lab	96.9083, -19.6192, 40.6666

Details

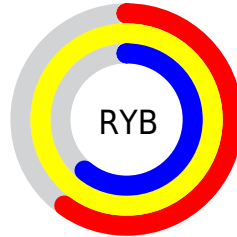
The Decimal color **16580250** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **10263294**, and the grayscale version is **15921906**.

A 20% lighter version of the original color is **16777170**, and **12764517** is the 20% darker color. If you saturate the color by 10%, you get **16514689**, and if you desaturate by 10%, it is **16645811**.

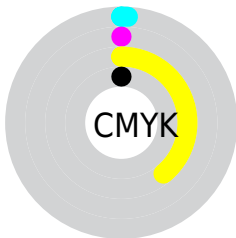
Distribution



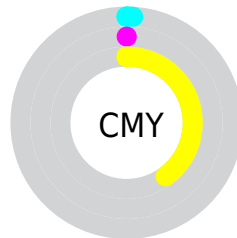
- Red (99%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (61%)



- Cyan (1%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)
















- Cyan (1%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16580250 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 16580250 by changing the saturation by 10% instead.

 16580250	 16580250
16777215	 14672255
 16777170	 12764517
 16777198	 10922571
	 9080882
	 7304726
	 5594624
	 4015616
	 2306048
	 269312

 16580250

 16580250

 16514689

 16645811

 16514663

 16645837

 16449102

 16711398

 16449076

16711423

 16383515

16776959

 16383490

 16383488

Harmonies

Analogous

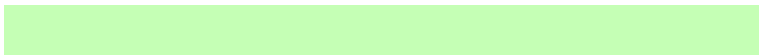
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16772762



16580250



12976053

Triad

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



16580250



3670015



16766463

Complementary

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



16580250



10263294

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.



16769535



16580250



9306111

Square

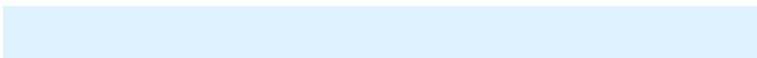
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16580250



4259839



14676991



16765918

Rectangle

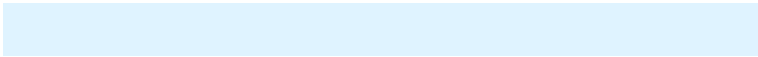
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16580250



10354641



14676991



16767231

Sweetspot

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



16580250



16711648



16686234



8355950



0



8421504

Same Dimension

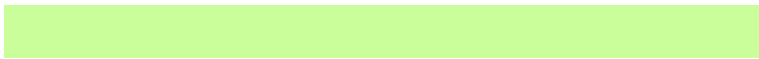
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16580250



16646023



13303450



8355955



12304128



4079616

Inverse Universe

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



10263294



9078783



13540094



7566208



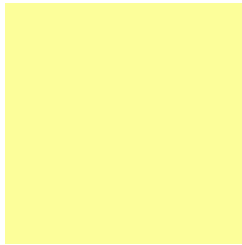
262335



65600

Previews

White Background



This preview shows how the Decimal color 16580250 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 16580250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

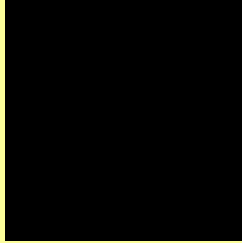
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

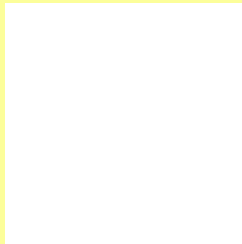
Any Text WCAG AAA ✓ Pass

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

Decimal 16580250 Background



This preview shows how black text looks on a background with the Decimal color 16580250.

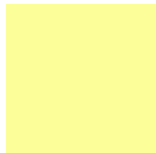


This preview shows how white text looks on a background with the Decimal color 16580250.

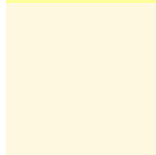
Color Blindness Simulation

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](#).

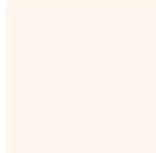
Dichromacy



Original Color
16580250



Protanopia
16775393

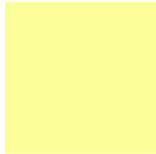


Deuteranopia
16775151

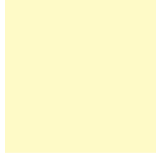


Tritanopia
16774653

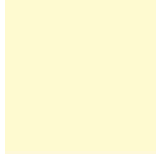
Trichromacy



Original Color
16580250



Protanomaly
16710343

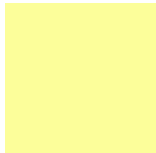


Deuteranomaly
16710352

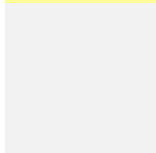


Tritanomaly
16709849

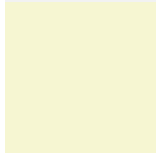
Monochromacy



Original Color
16580250



Achromatopsia
15921906



Achromatomaly
16185042

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16580250 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 #FCFE9A looks like.

```
.text, #text, p{  
  color:#FCFE9A  
}
```

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 #FCFE9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCFE9A
}
```

Border

The CSS property to change the border of an element to Decimal 16580250 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
#FCFE9A }
```

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

```
.border{ border-color:#FCFE9A }
```

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

Here you see how a box with a 4 pixel #FCFE9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCFE9A; -webkit-box-shadow:4px 4px  
4px 4px #FCFE9A; box-shadow:4px 4px 4px  
4px #FCFE9A }
```

Background

The CSS property to change the background color of an element to Decimal 16580250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCFE9A }
```

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

```
.background{ background-color:#FCFE9A }
```

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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