

Converting Colors

Decimal(16507761)

Have a look what the booklet for
Decimal(16507761) contains.

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Color

Decimal(16507761)

Conversions

Conversions Part 1

Format	Color
Hex	FBE371
RGB	251, 227, 113
RGB Percent	98%, 89%, 44%
CMY	0.0157, 0.1098, 0.5569
CMYK	0.00, 0.10, 0.55, 0.02
HSL	50°, 95%, 71%
HSV	50°, 55%, 98%
XYZ	70.2334, 76.6397, 26.7140
YIQ	221.1800, 50.8980, -30.3660

Conversions

Conversions Part 2

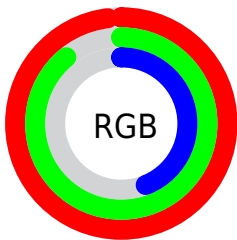
Format	Color
RYB	142, 251, 113
Decimal	16507761
CIELab	90.16, -5.53, 57.82
CIElCh	90, 58.085, 95.465
Yxy	76.6397, 0.4046, 0.4415
Android (android.graphics.Color)	4294697841 (0xFFFFBE371)
YUV	221.1800, -53.3327, 26.1521
Hunter-Lab	87.5441, -9.9982, 43.1885

Details

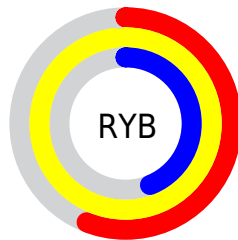
The Decimal color **16507761** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **7440891**, and the grayscale version is **14606046**.

A 20% lighter version of the original color is **16777128**, and **12627004** is the 20% darker color. If you saturate the color by 10%, you get **16506712**, and if you desaturate by 10%, it is **16508810**.

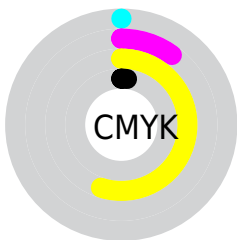
Distribution



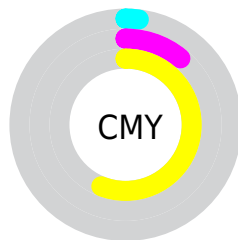
- Red (98%)
- Green (89%)
- Blue (44%)



- Red (56%)
- Yellow (98%)
- Blue (44%)



- Cyan (0%)
- Magenta (10%)
- Yellow (55%)
- Black (2%)

















- Cyan (2%)
- Magenta (11%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16507761 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 16507761 by changing the saturation by 10% instead.

 16507761	 16507761
16777215	 14534486
 16777128	 12627004
 16777156	 10719775
 16777184	 8878080
16777214	 7036672
	 5326848
	 3551744
	 1973504
	 256

■ 16507761

■ 16507761

■ 16506712

■ 16508810

■ 16505407

■ 16510115

■ 16504358

■ 16511164

■ 16503309

■ 16512213

■ 16502528

■ 16513519

■ 16514559

■ 16515071

Harmonies

Analogous

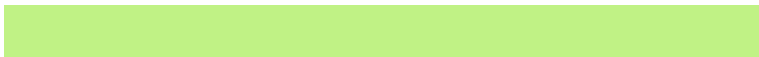
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16764798



16507761



12644997

Triad

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



16507761



65023



16760319

Complementary

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



16507761



7440891

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.



16109823



16507761



62975

Square

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



16507761



65516



10151423



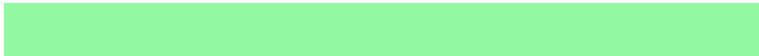
16758235

Rectangle

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



16507761



9632162



10151423



16761855

Sweetspot

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



16507761



16775382



16478602



8420199



0



8421504

Same Dimension

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



16507761



16769623



13630321



8223600



12426240



4010752

Inverse Universe

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



7440891



5731583



10318331



7369597



8637



2877

Previews

White Background



This preview shows how the Decimal color 16507761 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 16507761 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 16507761 Background



This preview shows how black text looks on a background with the Decimal color 16507761.






This preview shows how white text looks on a background with the Decimal color 16507761.

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](#).

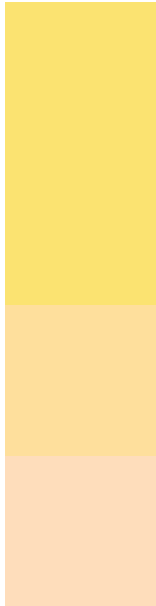
Dichromacy

	Original Color 16507761
	Protanopia 16507761
	Deuteranopia 16768437



Tritanopia
16767462

Trichromacy



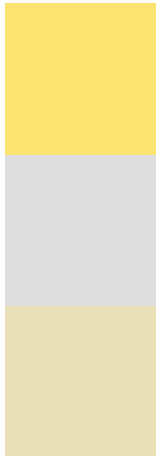
Original Color
16507761

Protanomaly
16507761

Deuteranomaly
16703388

Tritanomaly
16702907

Monochromacy



Original Color
16507761

Achromatopsia
14540253

Achromatomaly
15261622

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16507761 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 #FBE371 looks like.

```
.text, #text, p{  
    color:#FBE371  
}
```

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 #FBE371 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBE371  
}
```

Border

The CSS property to change the border of an element to Decimal 16507761 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  
#FBE371 }
```

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

```
.border{ border-color:#FBE371 }
```

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

Here you see how a box with a 4 pixel #FBE371 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBE371; -webkit-box-shadow:4px 4px  
4px 4px #FBE371; box-shadow:4px 4px 4px  
4px #FBE371 }
```

Background

The CSS property to change the background color of an element to Decimal 16507761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBE371 }
```

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

```
.background{ background-color:#FBE371 }
```

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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