

Converting Colors

Decimal(16760432)

Have a look what the booklet for
Decimal(16760432) contains.

Decimal(16760432)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(16760432)

Conversions

Conversions Part 1

Format	Color
Hex	FFBE70
RGB	255, 190, 112
RGB Percent	100%, 75%, 44%
CMY	0.0000, 0.2549, 0.5608
CMYK	0.00, 0.25, 0.56, 0.00
HSL	33°, 100%, 72%
HSV	33°, 56%, 100%
XYZ	62.5781, 59.2568, 23.4687
YIQ	200.5430, 63.7780, -10.4780

Conversions

Conversions Part 2

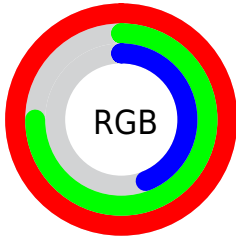
Format	Color
RYB	231, 255, 112
Decimal	16760432
CIELab	81.43, 15.01, 48.07
CIElCh	81, 50.360, 72.662
Yxy	59.2568, 0.4307, 0.4078
Android (android.graphics.Color)	4294950512 (0xFFFFBE70)
YUV	200.5430, -43.6517, 47.7588
Hunter-Lab	76.9784, 10.3958, 35.8089

Details

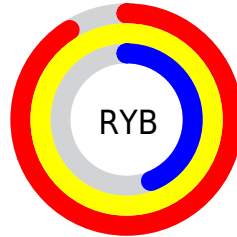
The Decimal color **16760432** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **7385599**, and the grayscale version is **13224393**.

A 20% lighter version of the original color is **16774821**, and **12814653** is the 20% darker color. If you saturate the color by 10%, you get **16757335**, and if you desaturate by 10%, it is **16763530**.

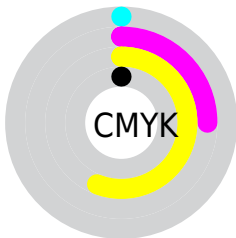
Distribution



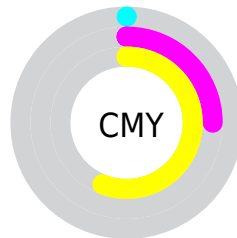
- Red (100%)
- Green (75%)
- Blue (44%)



- Red (91%)
- Yellow (100%)
- Blue (44%)



- Cyan (0%)
- Magenta (25%)
- Yellow (56%)
- Black (0%)



















- Cyan (0%)
- Magenta (25%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16760432 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 16760432 by changing the saturation by 10% instead.

 16760432	 16760432
 16777215	 14787414
 16774821	 12814653
 16777153	 10907428
 16777181	 9000710
 16777210	 7159808
	 5384448
	 3609856
	 2097152
	 0

■ 16760432

■ 16760432

■ 16757335

■ 16763530

■ 16754493

■ 16766371

■ 16751395

■ 16769469

■ 16748554

■ 16772310

■ 16747264

■ 16775408

16777215

Harmonies

Analogous

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



16756365



16760432



13946476

Triad

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



16760432



58333



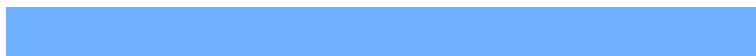
15316735

Complementary

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



16760432



7385599

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.



10733823



16760432



57599

Square

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



16760432



6283693



3790847



16754920

Rectangle

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



16760432



11720569



3790847



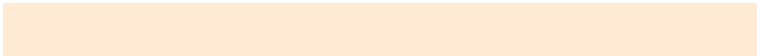
13942015

Sweetspot

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



16760432



16772052



16740531



8418406



0



8421504

Same Dimension

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



16760432



16757076



16449392



8419955



12544000



4203264

Inverse Universe

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



7385599



5546751



7696639



7567744



22463



7488

Previews

White Background



This preview shows how the Decimal color 16760432 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 16760432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

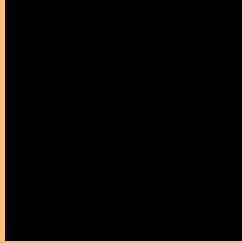
Any Text WCAG AA ✓ Pass

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 16760432 Background



This preview shows how black text looks on a background with the Decimal color 16760432.

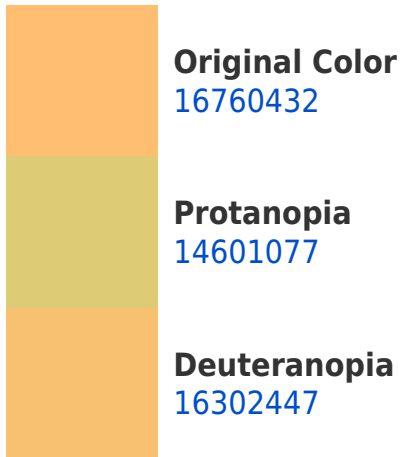


This preview shows how white text looks on a background with the Decimal color 16760432.

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
16758723

Trichromacy



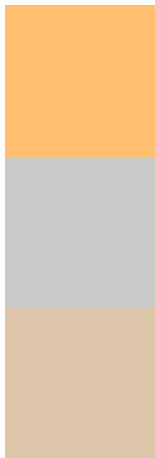
Original Color
16760432

Protanomaly
15386227

Deuteranomaly
16498799

Tritanomaly
16759461

Monochromacy



Original Color
16760432

Achromatopsia
13224393

Achromatomaly
14534057

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16760432 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 #FFBE70 looks like.

```
.text, #text, p{  
    color:#FFBE70  
}
```

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 #FFBE70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFBE70
}
```

Border

The CSS property to change the border of an element to Decimal 16760432 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
#FFBE70 }
```

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

```
.border{ border-color:#FFBE70 }
```

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

Here you see how a box with a 4 pixel #FFBE70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFBE70; -webkit-box-shadow:4px 4px  
4px 4px #FFBE70; box-shadow:4px 4px 4px  
4px #FFBE70 }
```

Background

The CSS property to change the background color of an element to Decimal 16760432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFBE70 }
```

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

```
.background{ background-color:#FFBE70 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor