

Converting Colors

Decimal(16765312)

Have a look what the booklet for
Decimal(16765312) contains.

Decimal(16765312)	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(16765312)

Conversions

Conversions Part 1

Format	Color
Hex	FFD180
RGB	255, 209, 128
RGB Percent	100%, 82%, 50%
CMY	0.0000, 0.1804, 0.4980
CMYK	0.00, 0.18, 0.50, 0.00
HSL	38°, 100%, 75%
HSV	38°, 50%, 100%
XYZ	67.9367, 68.4194, 30.0477
YIQ	213.5200, 53.4170, -15.4390

Conversions

Conversions Part 2

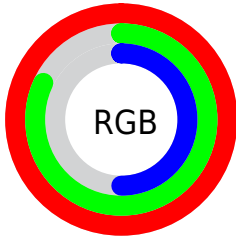
Format	Color
R_{YB}	200, 255, 128
Decimal	16765312
CIE _{Lab}	86.22, 6.47, 46.02
CIE _{LCh}	86, 46.475, 82.001
Yxy	68.4194, 0.4083, 0.4112
Android (android.graphics.Color)	4294955392 (0xFFFFD180)
YUV	213.5200, -42.1614, 36.3780
Hunter-Lab	82.7160, 1.8534, 36.3634

Details

The Decimal color **16765312** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **8433407**, and the grayscale version is **14079702**.

A 20% lighter version of the original color is **16777142**, and **12884813** is the 20% darker color. If you saturate the color by 10%, you get **16762983**, and if you desaturate by 10%, it is **16767642**.

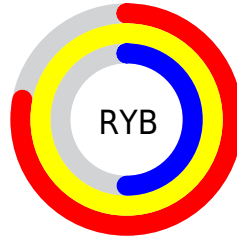
Distribution



Red (100%)

Green (82%)

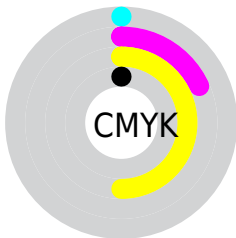
Blue (50%)



Red (78%)

Yellow (100%)

Blue (50%)

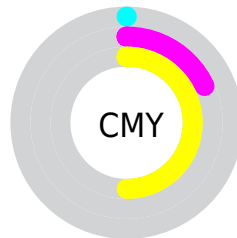


Cyan (0%)

Magenta (18%)

Yellow (50%)

Black (0%)



Cyan (0%)















Magenta (18%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16765312 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 16765312 by changing the saturation by 10% instead.

 16765312	 16765312
16777215	 14792038
 16777142	 12884813
 16777170	 10977588
 16777199	 9136154
	 7294976
	 5585152
	 3810304
	 2232320
	 0

 16765312

 16765312

 16762983

 16767642

 16760653

 16769971

 16758067

 16772557

 16755738

 16774886

 16753408

16777215

Harmonies

Analogous

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



16761492



16765312



13950852

Triad

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



16765312



716791



16761343

Complementary

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



16765312



8433407

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.



13357567



16765312



2353919

Square

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



16765312



6680266



8511743



16758501

Rectangle

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



16765312



11724437



8511743



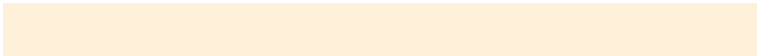
15976191

Sweetspot

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



16765312



16773593



16744623



8419177



0



8421504

Same Dimension

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



16765312



16762982



15662976



8420211



12548608



4204800

Inverse Universe

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



8433407



6725119



9535743



7567232



17855



5952

Previews

White Background



This preview shows how the Decimal color 16765312 looks on a white background.

Color Contrast Check

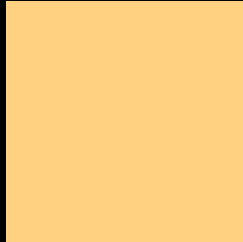
Large Text (above 18pt) WCAG AA × Fail

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 16765312 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 16765312 Background



This preview shows how black text looks on a background with the Decimal color 16765312.



This preview shows how white text looks on a background with the Decimal color 16765312.

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
16763606

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 16765312 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 #FFD180 looks like.

```
.text, #text, p{  
  color:#FFD180  
}
```

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 #FFD180 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD180
}
```

Border

The CSS property to change the border of an element to Decimal 16765312 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
#FFD180 }
```

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

```
.border{ border-color:#FFD180 }
```

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

Here you see how a box with a 4 pixel #FFD180 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD180; -webkit-box-shadow:4px 4px  
4px 4px #FFD180; box-shadow:4px 4px 4px  
4px #FFD180 }
```

Background

The CSS property to change the background color of an element to Decimal 16765312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD180 }
```

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

```
.background{ background-color:#FFD180 }
```

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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