

Converting Colors

Decimal(16763136)

Have a look what the booklet for
Decimal(16763136) contains.

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Color

Decimal(16763136)

Conversions

Conversions Part 1

Format	Color
Hex	FFC900
RGB	255, 201, 0
RGB Percent	100%, 79%, 0%
CMY	0.0000, 0.2118, 1.0000
CMYK	0.00, 0.21, 1.00, 0.00
HSL	47°, 100%, 50%
HSV	47°, 100%, 100%
XYZ	62.1266, 63.0333, 8.8922
YIQ	194.2320, 96.7050, -51.0630

Conversions

Conversions Part 2

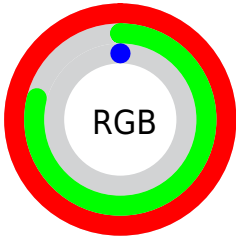
Format	Color
RYB	69, 255, 0
Decimal	16763136
CIELab	83.46, 5.22, 84.71
CIELCh	83, 84.871, 86.474
Yxy	63.0333, 0.4635, 0.4702
Android (android.graphics.Color)	4294953216 (0xFFFFC900)
YUV	194.2320, -95.7564, 53.2935
Hunter-Lab	79.3935, 0.7404, 48.9349

Details

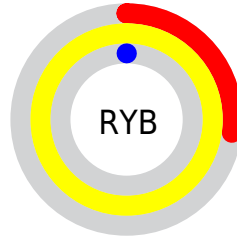
The Decimal color **16763136** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **14079**, and the grayscale version is **12829635**.

A 20% lighter version of the original color is **16777046**, and **12686336** is the 20% darker color. If you saturate the color by 10%, you get **16763136**, and if you desaturate by 10%, it is **16764441**.

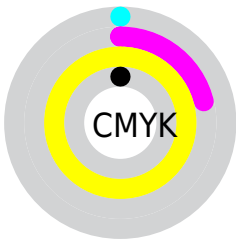
Distribution



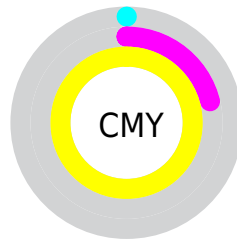
- Red (100%)
- Green (79%)
- Blue (0%)



- Red (27%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (21%)
- Yellow (100%)
- Black (0%)




















- Cyan (0%)
- Magenta (21%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16763136 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 16763136 by changing the saturation by 10% instead.

 16763136	 16763136
16777215	 14724608
 16777046	 12686336
 16777076	 10713600
 16777105	 8741376
 16777134	 6834688
 16777164	 4994048
 16777193	 3284736
	 1705984
	 0

 16763136

 16764441

 16766003

 16767309

 16768870

 16770176

 16771481

 16773043

 16774348

 16775910

Harmonies

Analogous

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



16755016



16763136



11722793

Triad

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



16763136



62975



16751359

Complementary

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



16763136



14079

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.



12369919



16763136



61183

Square

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



16763136



62660



56575



16744669

Rectangle

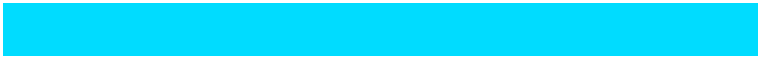
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16763136



7203417



56575



16754431

Sweetspot

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



16763136



16773043



16711735



8418898



0



8421504

Same Dimension

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



16763136



12058368



8420723



12556032



4207104

Inverse Universe

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



14079



4718847



7566720



10687



3648

Previews

White Background



This preview shows how the Decimal color 16763136 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 16763136 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 16763136 Background



This preview shows how black text looks on a background with the Decimal color 16763136.



This preview shows how white text looks on a background with the Decimal color 16763136.

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
16763136

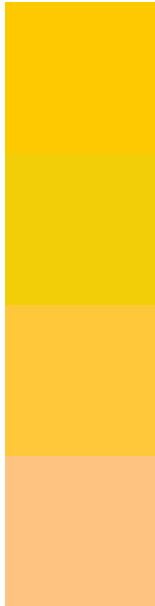
Protanopia
15454476

Deuteranopia
16762717



Tritanopia
16760779

Trichromacy



Original Color
16763136

Protanomaly
15912456

Deuteranomaly
16762939

Tritanomaly
16761729

Monochromacy



Original Color
16763136

Achromatopsia
12763842

Achromatomaly
14206331

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16763136 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 #FFC900 looks like.

```
.text, #text, p{  
    color:#FFC900  
}
```

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 #FFC900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC900
}
```

Border

The CSS property to change the border of an element to Decimal 16763136 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
#FFC900 }
```

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

```
.border{ border-color:#FFC900 }
```

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

Here you see how a box with a 4 pixel #FFC900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC900; -webkit-box-shadow:4px 4px  
4px 4px #FFC900; box-shadow:4px 4px 4px  
4px #FFC900 }
```

Background

The CSS property to change the background color of an element to Decimal 16763136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC900 }
```

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

```
.background{ background-color:#FFC900 }
```

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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