

Converting Colors

Hex(16D428)

Have a look what the booklet for
Hex(16D428) contains.

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Color

Hex(16D428)

Conversions

Conversions Part 1

Format	Color
Hex	16D428
RGB	22, 212, 40
RGB Percent	9%, 83%, 16%
CMY	0.9137, 0.1686, 0.8431
CMYK	0.90, 0.00, 0.81, 0.17
HSL	126°, 81%, 46%
HSV	126°, 90%, 83%
XYZ	24.2574, 47.4107, 9.8802
YIQ	135.5820, -58.0280, -93.7720

Conversions

Conversions Part 2

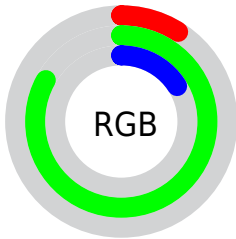
Format	Color
R_{YB}	22, 196, 212
Decimal	1496104
CIE _{Lab}	74.45, -72.72, 66.08
CIE _{LCh}	74, 98.259, 137.741
Yxy	47.4107, 0.2975, 0.5814
Android (android.graphics.Color)	4279686184 (0xFF16D428)
YUV	135.5820, -47.1219, -99.6114
Hunter-Lab	68.8555, -57.6126, 39.6912

Details

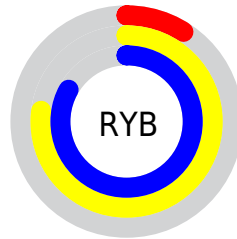
The Hex color **16D428** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **D416C2**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **6FFF64**, and **009C00** is the 20% darker color. If you saturate the color by 10%, you get **01D415**, and if you desaturate by 10%, it is **2BD43B**.

Distribution



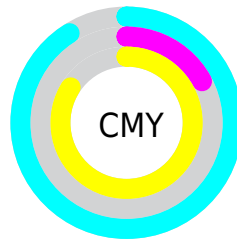
- Red (9%)
- Green (83%)
- Blue (16%)



- Red (9%)
- Yellow (77%)
- Blue (83%)



- Cyan (90%)
- Magenta (0%)
- Yellow (81%)
- Black (17%)



- Cyan (91%)
- Magenta (17%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16D428 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 Hex color 16D428 by changing the saturation by 10% instead.

 16D428

 16D428

FFFFFF

 00B700

 6FFF64

 009C00

 90FF81

 008000

 B0FF9D

 006600

 CFFFB9

 004C00

 EFFFFD6

 003400

 FFFFF4

 001800

 000000

 16D428

 16D428

 01D415

 2BD43B

 00D414

 40D44E

 56D462

 6BD475

 80D488

 95D49B

 AAD4AE

 C0D4C2

 D5D4D5

Harmonies

Analogous

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



AAC300



16D428



00DC8E

Triad

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



16D428



00CDFE



FF4A86

Complementary

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



16D428



D416C2

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.



FF4EE0



16D428



38B0FF

Square

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



16D428



00DBFF



FB82FF



FF7A2D

Rectangle

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



16D428



00DECD



FB82FF



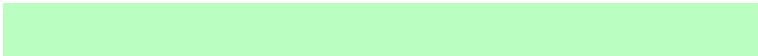
FF41A4

Sweetspot

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



16D428



BAFFC1



C4D416



57805B



000000



808080

Same Dimension

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



16D428



00FF18



16D485



606B61



00AB10



002B04

Inverse Universe

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



D416C2



FF00E7



D41665



6B606A



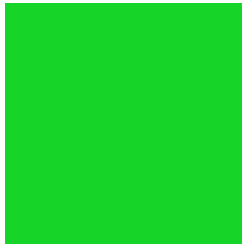
AB009B



2B0027

Previews

White Background



This preview shows how the Hex color 16D428 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 Hex color 16D428 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](#).

Hex 16D428 Background



This preview shows how black text looks on a background with the Hex color 16D428.

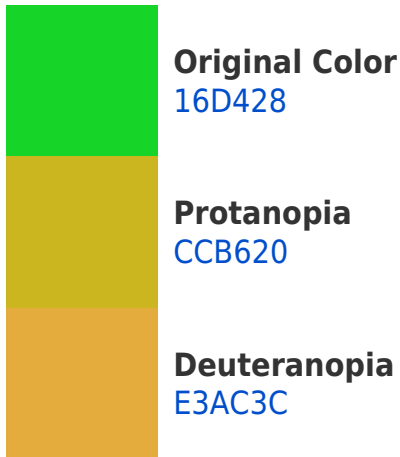


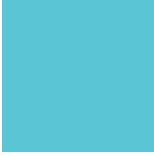
This preview shows how white text looks on a background with the Hex color 16D428.

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
5AC5D5

Trichromacy



Original Color
16D428



Protanomaly
8AC123



Deuteranomaly
98BB35



Tritanomaly
41CA96

Monochromacy



Original Color
16D428



Achromatopsia
888888



Achromatomaly
5FA465

CSS Examples

Text

The CSS property to change the color of the text to Hex 16D428 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 #16D428 looks like.

```
.text, #text, p{  
    color:#16D428  
}
```

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 #16D428 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16D428
}
```

Border

The CSS property to change the border of an element to Hex 16D428 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
#16D428 }
```

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

```
.border{ border-color:#16D428 }
```

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

Here you see how a box with a 4 pixel #16D428 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16D428; -webkit-box-shadow:4px 4px  
4px 4px #16D428; box-shadow:4px 4px 4px  
4px #16D428 }
```

Background

The CSS property to change the background color of an element to Hex 16D428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16D428 }
```

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

```
.background{ background-color:#16D428 }
```

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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