

Converting Colors

Hex(136930)

Have a look what the booklet for
Hex(136930) contains.

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Color

Hex(136930)

Conversions

Conversions Part 1

Format	Color
Hex	136930
RGB	19, 105, 48
RGB Percent	7%, 41%, 19%
CMY	0.9255, 0.5882, 0.8118
CMYK	0.82, 0.00, 0.54, 0.59
HSL	140°, 69%, 24%
HSV	140°, 82%, 41%
XYZ	5.8536, 10.4550, 4.5058
YIQ	72.7880, -32.9590, -35.9590

Conversions

Conversions Part 2

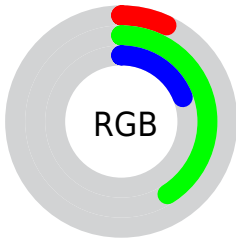
Format	Color
RYB	19, 83, 105
Decimal	1272112
CIELab	38.65, -38.09, 25.04
CIELCh	39, 45.587, 146.681
Yxy	10.4550, 0.2812, 0.5023
Android (android.graphics.Color)	4279462192 (0xFF136930)
YUV	72.7880, -12.2205, -47.1721
Hunter-Lab	32.3342, -24.2700, 14.3718

Details

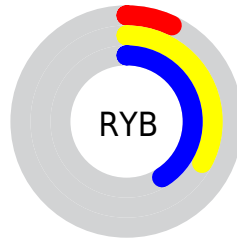
The Hex color **136930** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **69134C**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **4F9D5F**, and **003801** is the 20% darker color. If you saturate the color by 10%, you get **096929**, and if you desaturate by 10%, it is **1E6937**.

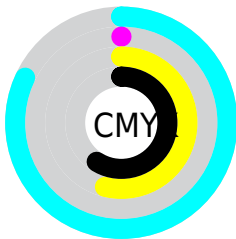
Distribution



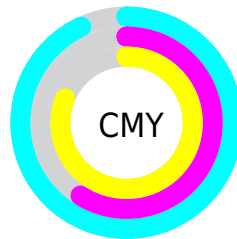
- Red (7%)
- Green (41%)
- Blue (19%)



- Red (7%)
- Yellow (33%)
- Blue (41%)



- Cyan (82%)
- Magenta (0%)
- Yellow (54%)
- Black (59%)



- Cyan (93%)
- Magenta (59%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 136930 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 136930 by changing the saturation by 10% instead.

 136930

 136930

FFFFFF

 00501A

 4F9D5F

 003801

 69B879

 002400

 85D493

 000000

 A0F1AD

 BCFFC9

 D9FFE5

 F6FFFF

 136930

 136930

■ 096929

■ 1E6937

■ 006923

■ 28693E

■ 336945

■ 3D694C

■ 486953

■ 52695A

■ 5D6961

■ 676968

■ 72696F

Harmonies

Analogous

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



4D630F



136930



006C56

Triad

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



136930



0061A5



9C3A3C

Complementary

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



136930



69134C

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.



9A3761



136930



53539D

Square

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



136930



006998



844284



8C491C

Rectangle

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



136930



006C6F



844284



9D3748

Sweetspot

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



136930



678A73



4C6913



304537



C4C4C4



454545

Same Dimension

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



136930



038A30



13695B



303632



007528



00F553

Inverse Universe

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



69134C



8A035C



691321



363034



75004E



F500A2

Previews

White Background



This preview shows how the Hex color 136930 looks on a white background.

Color Contrast Check

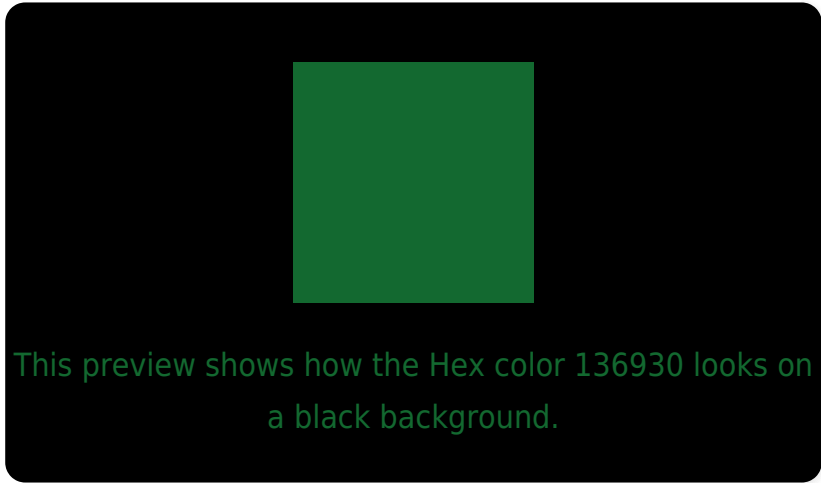
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

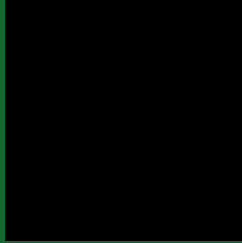
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 136930 Background



This preview shows how black text looks on a background with the Hex color 136930.



This preview shows how white text looks on a background with the Hex color 136930.

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
136930

Protanopia
645B2B

Deuteranopia
6E5735



Tritanopia
2C636B

Trichromacy



Original Color
136930

Protanomaly
47602D

Deuteranomaly
4D5E33

Tritanomaly
236556

Monochromacy



Original Color
136930

Achromatopsia
494949

Achromatomaly
355540

CSS Examples

Text

The CSS property to change the color of the text to Hex 136930 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 #136930 looks like.

```
.text, #text, p{  
    color:#136930  
}
```

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 #136930 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #136930
}
```

Border

The CSS property to change the border of an element to Hex 136930 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
#136930 }
```

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

```
.border{ border-color:#136930 }
```

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

Here you see how a box with a 4 pixel #136930 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #136930; -webkit-box-shadow:4px 4px  
4px 4px #136930; box-shadow:4px 4px 4px  
4px #136930 }
```

Background

The CSS property to change the background color of an element to Hex 136930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#136930 }
```

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

```
.background{ background-color:#136930 }
```

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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