

# Converting Colors

Hex(136C38)

Have a look what the booklet for  
Hex(136C38) contains.

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# Color

Hex(136C38)

# Conversions

## Conversions Part 1

Format	Color
Hex	136C38
RGB	19, 108, 56
RGB Percent	7%, 42%, 22%
CMY	0.9255, 0.5765, 0.7804
CMYK	0.82, 0.00, 0.48, 0.58
HSL	145°, 70%, 25%
HSV	145°, 82%, 42%
XYZ	6.3449, 11.1491, 5.5590
YIQ	75.4610, -36.3520, -35.0400

# Conversions

## Conversions Part 2

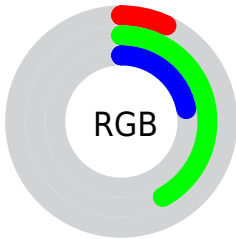
Format	Color
R <sub>Y</sub> B	19, 82, 108
Decimal	1272888
CIE Lab	39.83, -37.82, 22.06
CIE LCh	40, 43.784, 149.739
Yxy	11.1491, 0.2752, 0.4836
Android (android.graphics.Color)	4279462968 (0xFF136C38)
YUV	75.4610, -9.5943, -49.5163
Hunter-Lab	33.3903, -24.5138, 13.5023

# Details

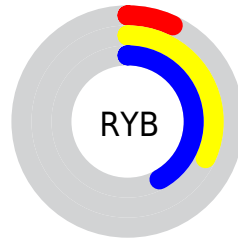
The Hex color **136C38** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6C1347**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **4FA068**, and **003B0C** is the 20% darker color. If you saturate the color by 10%, you get **086C32**, and if you desaturate by 10%, it is **1E6C3E**.

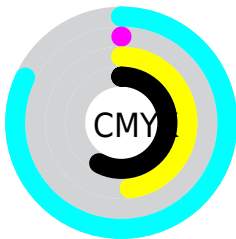
# Distribution



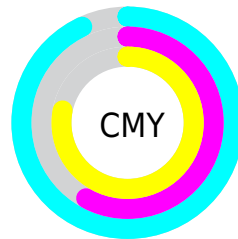
- Red (7%)
- Green (42%)
- Blue (22%)



- Red (7%)
- Yellow (32%)
- Blue (42%)



- Cyan (82%)
- Magenta (0%)
- Yellow (48%)
- Black (58%)



- Cyan (93%)
- Magenta (58%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 136C38 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 136C38 by changing the saturation by 10% instead.



 136C38

 136C38

FFFFFF

 005322

 4FA068

 003B0C

 6ABC81

 002600

 85D89B

 000000

 A1F4B6

 BDFFD2

 DAFEE

 F7FFFF

 136C38

 136C38

086C32

1E6C3E

006C2D

296C45

336C4B

3E6C51

496C58

546C5E

5F6C64

696C6A

746C71

# Harmonies

## Analogous

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



4D661A



136C38



006F5C

# Triad

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



136C38



0062A5



9C403D

# Complementary

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



136C38



6C1347

# 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.



9C3C60



136C38



5D559C

# Square

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



136C38



006B9B



894582



8C4E1F

# Rectangle

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



136C38



006F75



894582



9E3D48



# Sweetspot

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



136C38



698C78



486C13



32473B



C7C7C7



474747



# Same Dimension

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



136C38



018C3B



136C63



303632



007531



00F566



# Inverse Universe

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



6C1347



8C0153



6C131C



363033



750045



F5008F



# Previews

## White Background



This preview shows how the Hex color 136C38 looks on a white background.

## Color Contrast Check

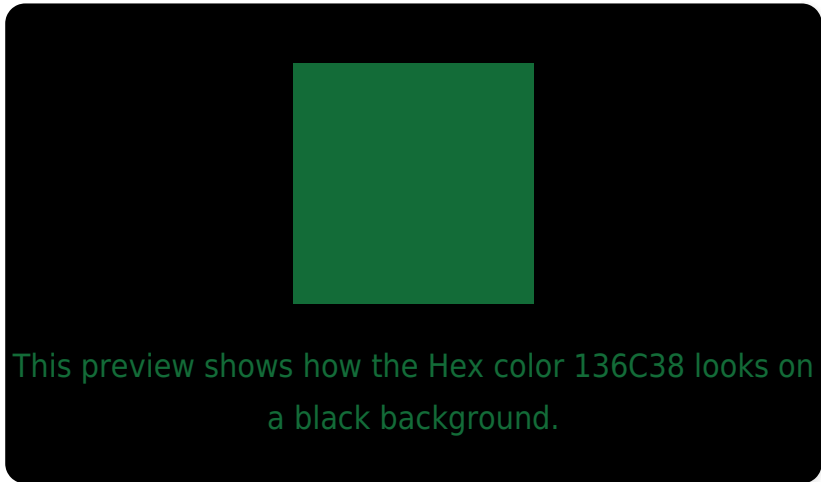
Large Text (above 18pt) WCAG AA ✓ Pass

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

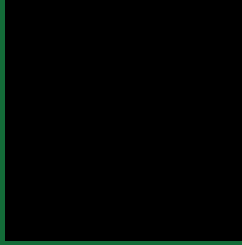
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 136C38 Background



This preview shows how black text looks on a background with the Hex color 136C38.



This preview shows how white text looks on a background with the Hex color 136C38.

# 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**  
136C38

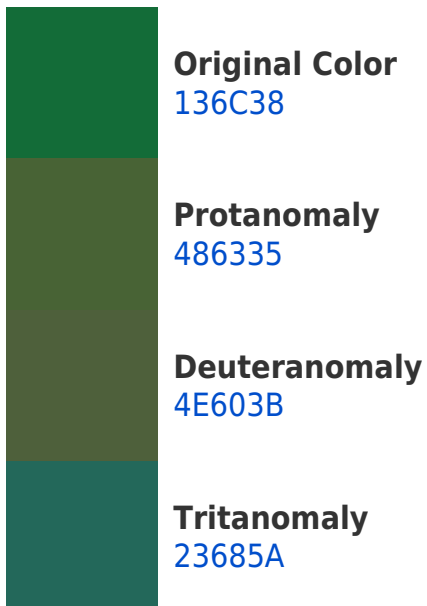
**Protanopia**  
675E33

**Deuteranopia**  
70593D

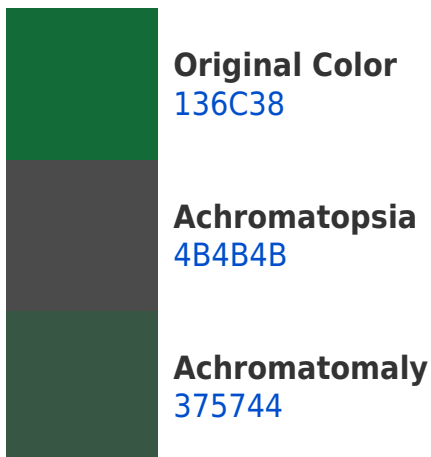


**Tritanopia**  
2C666E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 136C38 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 #136C38 looks like.

```
.text, #text, p{  
    color:#136C38  
}
```

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 #136C38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #136C38
}
```

## Border

The CSS property to change the border of an element to Hex 136C38 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
#136C38 }
```

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

```
.border{ border-color:#136C38 }
```

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

Here you see how a box with a 4 pixel #136C38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #136C38; -webkit-box-shadow:4px 4px  
4px 4px #136C38; box-shadow:4px 4px 4px  
4px #136C38 }
```

# Background

The CSS property to change the background color of an element to Hex 136C38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#136C38 }
```

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

```
.background{ background-color:#136C38 }
```

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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