

Converting Colors

Hex(136D37)

Have a look what the booklet for
Hex(136D37) contains.

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Color

Hex(136D37)

Conversions

Conversions Part 1

Format	Color
Hex	136D37
RGB	19, 109, 55
RGB Percent	7%, 43%, 22%
CMY	0.9255, 0.5725, 0.7843
CMYK	0.83, 0.00, 0.50, 0.57
HSL	144°, 70%, 25%
HSV	144°, 83%, 43%
XYZ	6.4268, 11.3516, 5.4668
YIQ	75.9340, -36.3060, -35.8740

Conversions

Conversions Part 2

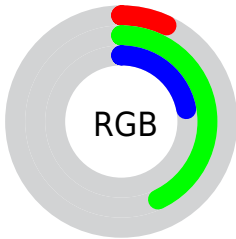
Format	Color
R_{YB}	19, 83, 109
Decimal	1273143
CIE _{Lab}	40.17, -38.40, 23.06
CIE _{LCh}	40, 44.788, 149.017
Yxy	11.3516, 0.2765, 0.4883
Android (android.graphics.Color)	4279463223 (0xFF136D37)
YUV	75.9340, -10.3205, -49.9311
Hunter-Lab	33.6921, -24.9121, 13.9642

Details

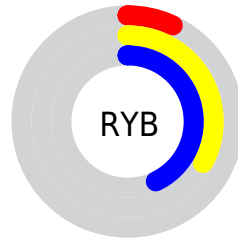
The Hex color **136D37** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6D1349**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **4FA167**, and **003C0A** is the 20% darker color. If you saturate the color by 10%, you get **086D30**, and if you desaturate by 10%, it is **1E6D3E**.

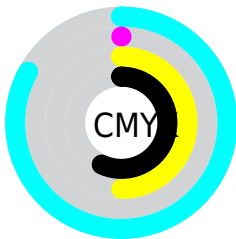
Distribution



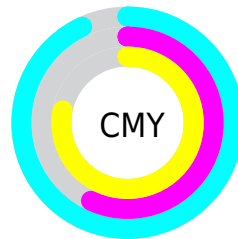
- Red (7%)
- Green (43%)
- Blue (22%)



- Red (7%)
- Yellow (33%)
- Blue (43%)



- Cyan (83%)
- Magenta (0%)
- Yellow (50%)
- Black (57%)



- Cyan (93%)
- Magenta (57%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 136D37 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 136D37 by changing the saturation by 10% instead.

 136D37

 136D37

FFFFFF

 005421

 4FA167

 003C0A

 6BBD80

 002700

 86D99A

 000100

 A2F6B5

 000000

 BEFFD1

 DAFED

 F8FFFF

 136D37

 136D37

■ 086D30

■ 1E6D3E

■ 006D2C

■ 296D44

■ 346D4B

■ 3F6D51

■ 4A6D58

■ 546D5E

■ 5F6D65

■ 6A6D6B

■ 756D72

Harmonies

Analogous

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



4E6718



136D37



00705C

Triad

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



136D37



0063A8



9F403D

Complementary

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



136D37



6D1349

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.



9E3B61



136D37



5C559F

Square

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



136D37



006C9D



8A4585



8E4E1F

Rectangle

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



136D37



007075



8A4585



A13D49

Sweetspot

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



136D37



6B8F79



496D13



32473B



C7C7C7



474747

Same Dimension

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



136D37



018F3A



136D64



303632



00752F



00F562

Inverse Universe

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



6D1349



8F0156



6D131C



363033



750046



F50093

Previews

White Background



This preview shows how the Hex color 136D37 looks on a white background.

Color Contrast Check

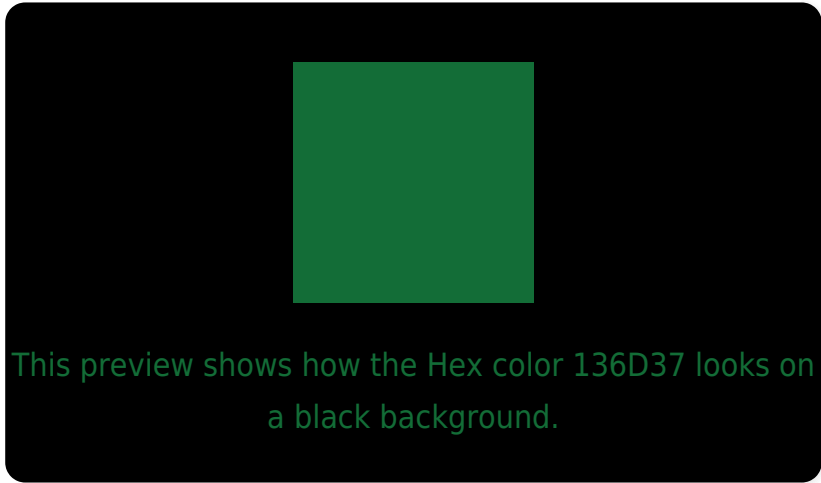
Large Text (above 18pt) WCAG AA ✓ Pass

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 136D37 Background



This preview shows how black text looks on a background with the Hex color 136D37.



This preview shows how white text looks on a background with the Hex color 136D37.

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
136D37

Protanopia
685E32

Deuteranopia
725A3C



Tritanopia
2D676F

Trichromacy



Original Color
136D37

Protanomaly
496334

Deuteranomaly
4F613A

Tritanomaly
24695B

Monochromacy



Original Color
136D37

Achromatopsia
4C4C4C

Achromatomaly
375844

CSS Examples

Text

The CSS property to change the color of the text to Hex 136D37 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 #136D37 looks like.

```
.text, #text, p{  
    color:#136D37  
}
```

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 #136D37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #136D37  
}
```

Border

The CSS property to change the border of an element to Hex 136D37 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  
#136D37 }
```

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

```
.border{ border-color:#136D37 }
```

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

Here you see how a box with a 4 pixel #136D37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #136D37; -webkit-box-shadow:4px 4px  
4px 4px #136D37; box-shadow:4px 4px 4px  
4px #136D37 }
```

Background

The CSS property to change the background color of an element to Hex 136D37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#136D37 }
```

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

```
.background{ background-color:#136D37 }
```

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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