

Converting Colors

Hex(126D36)

Have a look what the booklet for
Hex(126D36) contains.

Hex(126D36)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(126D36)

Conversions

Conversions Part 1

Format	Color
Hex	126D36
RGB	18, 109, 54
RGB Percent	7%, 43%, 21%
CMY	0.9294, 0.5725, 0.7882
CMYK	0.83, 0.00, 0.50, 0.57
HSL	144°, 72%, 25%
HSV	144°, 83%, 43%
XYZ	6.3839, 11.3322, 5.3409
YIQ	75.5210, -36.5810, -36.3970

Conversions

Conversions Part 2

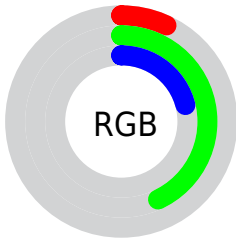
Format	Color
RYB	18, 83, 109
Decimal	1207606
CIELab	40.13, -38.71, 23.57
CIELCh	40, 45.325, 148.664
Yxy	11.3322, 0.2769, 0.4915
Android (android.graphics.Color)	4279397686 (0xFF126D36)
YUV	75.5210, -10.6099, -50.4459
Hunter-Lab	33.6634, -25.0600, 14.1576

Details

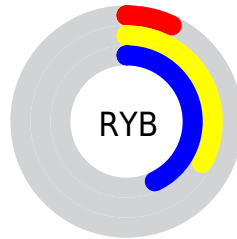
The Hex color **126D36** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6D1249**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **4FA166**, and **003C09** is the 20% darker color. If you saturate the color by 10%, you get **076D2F**, and if you desaturate by 10%, it is **1D6D3D**.

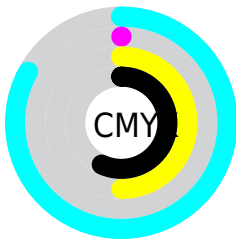
Distribution



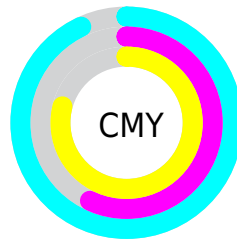
- Red (7%)
- Green (43%)
- Blue (21%)



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



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



- Cyan (93%)
- Magenta (57%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 126D36 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 126D36 by changing the saturation by 10% instead.

 126D36

 126D36

FFFFFF

 005420

 4FA166

 003C09

 6ABD7F

 002700

 85D999

 000100

 A1F6B4

 000000

 BDFFD0

 DAF FEC

 F7FFFF

 126D36

 126D36

076D2F

1D6D3D

006D2B

286D43

336D4A

3E6D50

496D57

536D5E

5E6D64

696D6B

746D71

Harmonies

Analogous

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



4E6716



126D36



00705C

Triad

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



126D36



0063A9



9F3F3D

Complementary

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



126D36



6D1249

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.



9F3B62



126D36



5B55A0

Square

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



126D36



006C9D



8A4586



8F4E1E

Rectangle

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



126D36



007075



8A4586



A13C49

Sweetspot

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



126D36



6B8F79



4A6D12



32473A



C7C7C7



474747

Same Dimension

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



126D36



008F38



126D62



303632



00752E



00F561

Inverse Universe

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



6D1249



8F0056



6D121D



363033



750047



F50094

Previews

White Background



This preview shows how the Hex color 126D36 looks on a white background.

Color Contrast Check

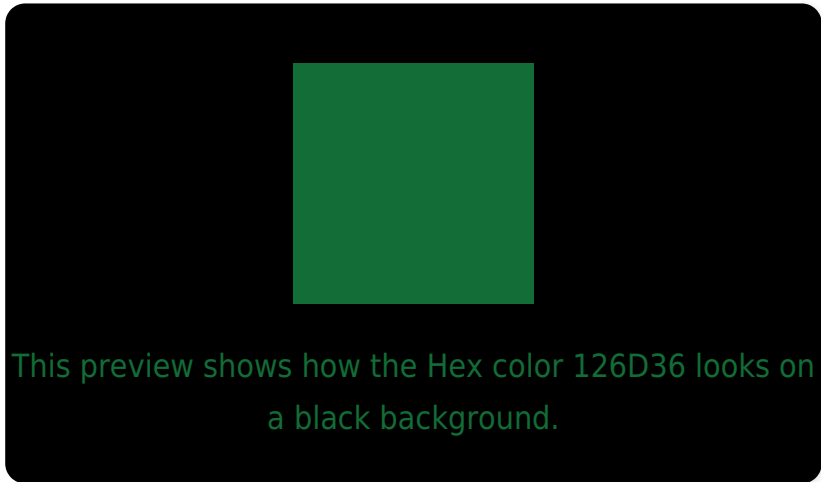
Large Text (above 18pt) WCAG AA ✓ Pass

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

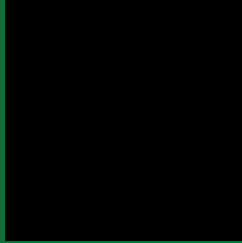
Any Text WCAG AA × Fail

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 126D36 Background



This preview shows how black text looks on a background with the Hex color 126D36.



This preview shows how white text looks on a background with the Hex color 126D36.

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
126D36

Protanopia
685E31

Deuteranopia
725A3B



Tritanopia
2D676F

Trichromacy



Original Color
126D36

Protanomaly
496333

Deuteranomaly
4F6139

Tritanomaly
23695A

Monochromacy



Original Color
126D36

Achromatopsia
4C4C4C

Achromatomaly
375844

CSS Examples

Text

The CSS property to change the color of the text to Hex 126D36 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 #126D36 looks like.

```
.text, #text, p{  
    color:#126D36  
}
```

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 #126D36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #126D36
}
```

Border

The CSS property to change the border of an element to Hex 126D36 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
#126D36 }
```

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

```
.border{ border-color:#126D36 }
```

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

Here you see how a box with a 4 pixel #126D36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #126D36; -webkit-box-shadow:4px 4px  
4px 4px #126D36; box-shadow:4px 4px 4px  
4px #126D36 }
```

Background

The CSS property to change the background color of an element to Hex 126D36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#126D36 }
```

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

```
.background{ background-color:#126D36 }
```

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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