

Converting Colors

Hex(116436)

Have a look what the booklet for
Hex(116436) contains.

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Color

Hex(116436)

Conversions

Conversions Part 1

Format	Color
Hex	116436
RGB	17, 100, 54
RGB Percent	7%, 39%, 21%
CMY	0.9333, 0.6078, 0.7882
CMYK	0.83, 0.00, 0.46, 0.61
HSL	147°, 71%, 23%
HSV	147°, 83%, 39%
XYZ	5.4542, 9.4999, 5.0362
YIQ	69.9390, -34.7020, -31.9020

Conversions

Conversions Part 2

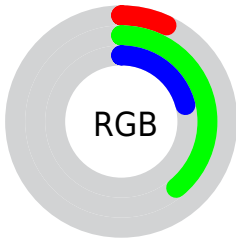
Format	Color
RYB	17, 74, 100
Decimal	1139766
CIELab	36.93, -35.29, 19.47
CIElCh	37, 40.300, 151.118
Yxy	9.4999, 0.2728, 0.4752
Android (android.graphics.Color)	4279329846 (0xFF116436)
YUV	69.9390, -7.8579, -46.4275
Hunter-Lab	30.8218, -22.3511, 11.8874

Details

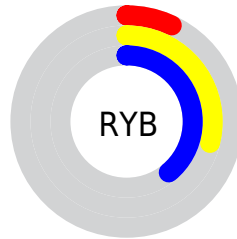
The Hex color **116436** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **64113F**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **4C9865**, and **00340A** is the 20% darker color. If you saturate the color by 10%, you get **076430**, and if you desaturate by 10%, it is **1B643C**.

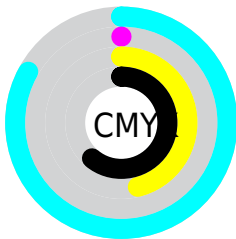
Distribution



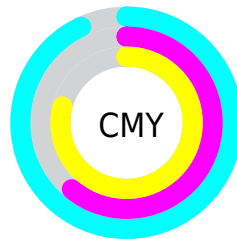
- Red (7%)
- Green (39%)
- Blue (21%)



- Red (7%)
- Yellow (29%)
- Blue (39%)



- Cyan (83%)
- Magenta (0%)
- Yellow (46%)
- Black (61%)





- Cyan (93%)
- Magenta (61%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 116436 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 116436 by changing the saturation by 10% instead.

 116436

 116436

FFFFFF

 004B20

 4C9865

 00340A

 67B37F

 002000

 81CF99


 000000


 9DEBB4

 B9FFCF

 D5FFEB

 F2FFFF

 116436

 116436

076430

1B643C

00642D

256441

2F6447

39644C

436452

4D6457

57645D

616462

6B6468

Harmonies

Analogous

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



465F1B



116436



006657

Triad

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



116436



005A98



8F3D37

Complementary

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



116436



64113F

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.



903857



116436



594E8F

Square

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



116436



00628F



7F4077



80491D

Rectangle

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



116436



00666D



7F4077



923A41

Sweetspot

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



116436



628270



406411



2E4237



C2C2C2



424242

Same Dimension

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



116436



00823A



11645E



2E3330



007333



00F26C

Inverse Universe

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



64113F



820048



641117



332E31



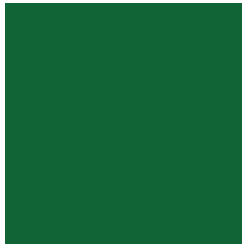
730040



F20086

Previews

White Background



This preview shows how the Hex color 116436 looks on a white background.

Color Contrast Check

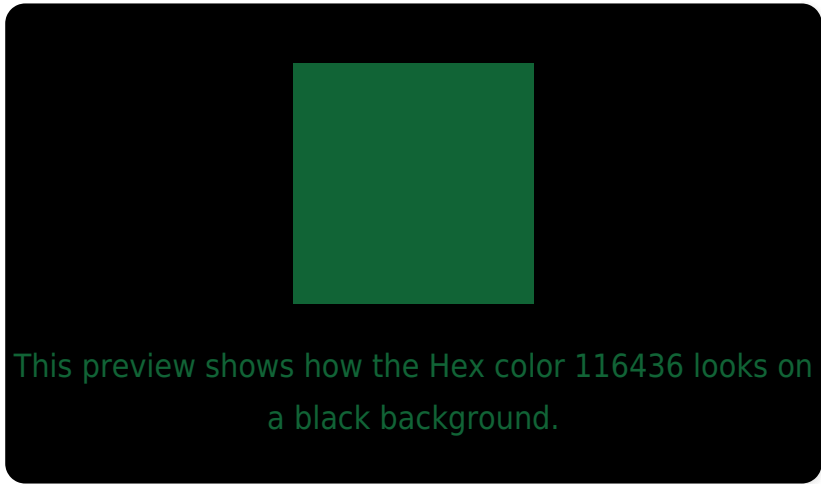
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

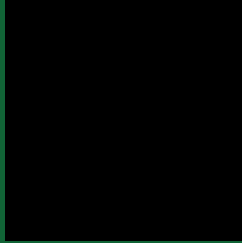
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 116436 Background



This preview shows how black text looks on a background with the Hex color 116436.



This preview shows how white text looks on a background with the Hex color 116436.

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
116436

Protanopia
5F5731

Deuteranopia
68533A



Tritanopia
285F66

Trichromacy



Original Color
116436

Protanomaly
435C33

Deuteranomaly
485939

Tritanomaly
206155

Monochromacy



Original Color
116436

Achromatopsia
464646

Achromatomaly
335140

CSS Examples

Text

The CSS property to change the color of the text to Hex 116436 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 #116436 looks like.

```
.text, #text, p{  
    color:#116436  
}
```

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 #116436 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #116436
}
```

Border

The CSS property to change the border of an element to Hex 116436 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
#116436 }
```

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

```
.border{ border-color:#116436 }
```

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

Here you see how a box with a 4 pixel #116436 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #116436; -webkit-box-shadow:4px 4px  
4px 4px #116436; box-shadow:4px 4px 4px  
4px #116436 }
```

Background

The CSS property to change the background color of an element to Hex 116436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#116436 }
```

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

```
.background{ background-color:#116436 }
```

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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