

Converting Colors

Hex(166E4A)

Have a look what the booklet for
Hex(166E4A) contains.

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Color

Hex(166E4A)

Conversions

Conversions Part 1

Format	Color
Hex	166E4A
RGB	22, 110, 74
RGB Percent	9%, 43%, 29%
CMY	0.9137, 0.5686, 0.7098
CMYK	0.80, 0.00, 0.33, 0.57
HSL	155°, 67%, 26%
HSV	155°, 80%, 43%
XYZ	7.1428, 11.8168, 8.3830
YIQ	79.5840, -40.8920, -29.8520

Conversions

Conversions Part 2

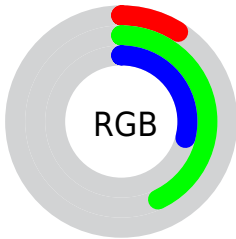
Format	Color
RYB	22, 77, 110
Decimal	1470026
CIELab	40.92, -34.36, 13.06
CIELCh	41, 36.759, 159.188
Yxy	11.8168, 0.2612, 0.4322
Android (android.graphics.Color)	4279660106 (0xFF166E4A)
YUV	79.5840, -2.7529, -50.5012
Hunter-Lab	34.3756, -23.0673, 9.6043

Details

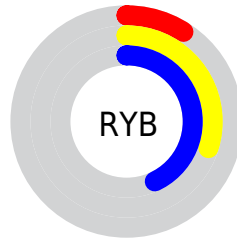
The Hex color **166E4A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6E163A**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **51A27B**, and **003D1E** is the 20% darker color. If you saturate the color by 10%, you get **0B6E46**, and if you desaturate by 10%, it is **216E4F**.

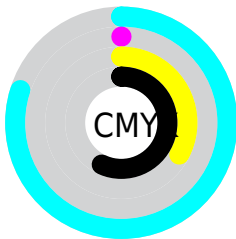
Distribution



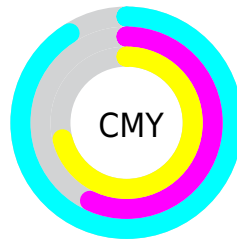
- Red (9%)
- Green (43%)
- Blue (29%)



- Red (9%)
- Yellow (30%)
- Blue (43%)



- Cyan (80%)
- Magenta (0%)
- Yellow (33%)
- Black (57%)



- Cyan (91%)
- Magenta (57%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 166E4A 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 166E4A by changing the saturation by 10% instead.

 166E4A

 166E4A

FFFFFF

 005533

 51A27B

 003D1E

 6CBE95

 002706

 87DAAF

 000600

 A3F6CB

 000000

 BFFFE7

 DCFFFF

 F9FFFF

 166E4A

 166E4A

■ 0B6E46

■ 216E4F

■ 006E41

■ 2C6E53

■ 376E58

■ 426E5C

■ 4D6E61

■ 586E65

■ 636E6A

■ 6E6E6E

■ 796E73

Harmonies

Analogous

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



486A30



166E4A



007069

Triad

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



166E4A



3B619C



944C3C

Complementary

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



166E4A



6E163A

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.



984658



166E4A



6F558F

Square

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



166E4A



006998



8D4A77



835727

Rectangle

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



166E4A



006F7D



8D4A77



974945

Sweetspot

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



166E4A



6D8F81



3B6E16



33473F



C7C7C7



474747

Same Dimension

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



166E4A



068F57



16676E



323836



007847



00F792

Inverse Universe

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



6E163A



8F063E



6E1D16



383235



780031



F70065

Previews

White Background



This preview shows how the Hex color 166E4A looks on a white background.

Color Contrast Check

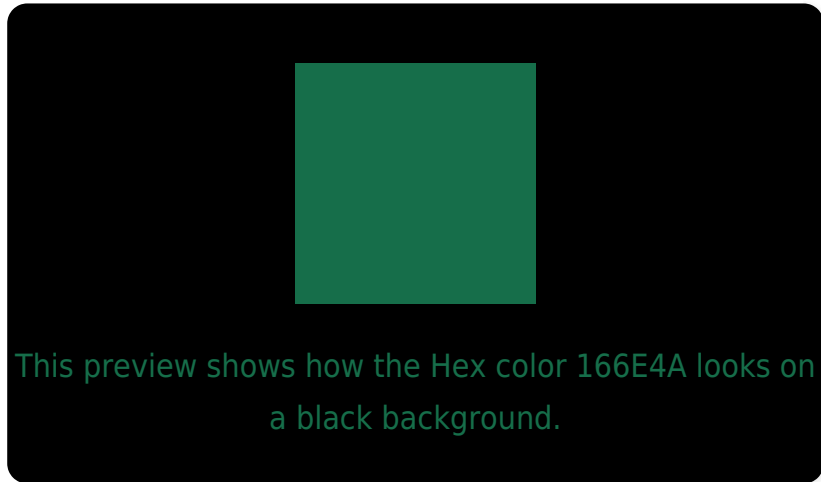
Large Text (above 18pt) WCAG AA ✓ Pass

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

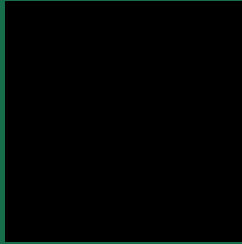
Any Text WCAG AA × Fail

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 166E4A Background



This preview shows how black text looks on a background with the Hex color 166E4A.



This preview shows how white text looks on a background with the Hex color 166E4A.

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
166E4A

Protanopia
686044

Deuteranopia
705C4E



Tritanopia
2B6972

Trichromacy



Original Color
166E4A

Protanomaly
4A6546

Deuteranomaly
4F634D

Tritanomaly
236B63

Monochromacy



Original Color
166E4A

Achromatopsia
505050

Achromatomaly
3B5B4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 166E4A 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 #166E4A looks like.

```
.text, #text, p{  
    color:#166E4A  
}
```

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 #166E4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #166E4A
}
```

Border

The CSS property to change the border of an element to Hex 166E4A 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
#166E4A }
```

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

```
.border{ border-color:#166E4A }
```

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

Here you see how a box with a 4 pixel #166E4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #166E4A; -webkit-box-shadow:4px 4px  
4px 4px #166E4A; box-shadow:4px 4px 4px  
4px #166E4A }
```

Background

The CSS property to change the background color of an element to Hex 166E4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#166E4A }
```

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

```
.background{ background-color:#166E4A }
```

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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