

Converting Colors

Hex(166B30)

Have a look what the booklet for
Hex(166B30) contains.

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Color

Hex(166B30)

Conversions

Conversions Part 1

Format	Color
Hex	166B30
RGB	22, 107, 48
RGB Percent	9%, 42%, 19%
CMY	0.9137, 0.5804, 0.8118
CMYK	0.79, 0.00, 0.55, 0.58
HSL	138°, 66%, 25%
HSV	138°, 79%, 42%
XYZ	6.1221, 10.8994, 4.5774
YIQ	74.8590, -31.7210, -36.3690

Conversions

Conversions Part 2

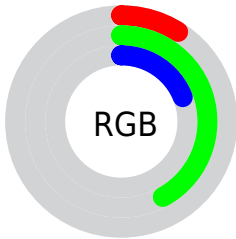
Format	Color
R_YB	22, 87, 107
Decimal	1469232
CIE _{Lab}	39.41, -38.41, 25.99
CIE _{LCh}	39, 46.379, 145.914
Yxy	10.8994, 0.2834, 0.5046
Android (android.graphics.Color)	4279659312 (0xFF166B30)
YUV	74.8590, -13.2415, -46.3573
Hunter-Lab	33.0142, -24.6742, 14.8894

Details

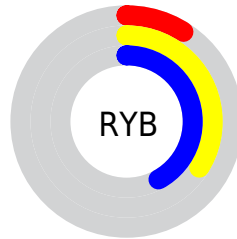
The Hex color **166B30** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6B1651**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **519F60**, and **003A01** is the 20% darker color. If you saturate the color by 10%, you get **0B6B29**, and if you desaturate by 10%, it is **216B37**.

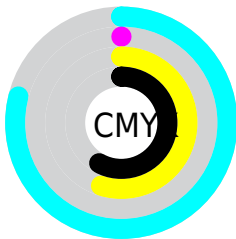
Distribution



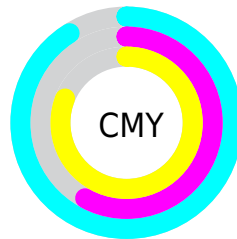
- Red (9%)
- Green (42%)
- Blue (19%)



- Red (9%)
- Yellow (34%)
- Blue (42%)



- Cyan (79%)
- Magenta (0%)
- Yellow (55%)
- Black (58%)



- Cyan (91%)
- Magenta (58%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 166B30 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 166B30 by changing the saturation by 10% instead.

 166B30

 166B30

FFFFFF

 005219

 519F60

 003A01

 6CBB79

 002600

 87D793

 000000

 A2F3AE

 BFFFC9

 DBFFE5

 F9FFFF

 166B30

 166B30

■ 0B6B29

■ 216B37

■ 016B21

■ 2B6B3F

■ 006B21

■ 366B46

■ 416B4E

■ 4C6B55

■ 566B5D

■ 616B64

■ 6C6B6B

■ 766B73

Harmonies

Analogous

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



4F640F



166B30



006E56

Triad

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



166B30



0063A8



9F3B3E

Complementary

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



166B30



6B1651

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.



9D3864



166B30



5355A1

Square

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



166B30



006B9B



854488



904A1D

Rectangle

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



166B30



006F70



854488



A1384A

Sweetspot

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



166B30



6B8C75



526B16



334739



C7C7C7



474747

Same Dimension

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



166B30



078C30



166B5A



303632



007524



00F54B

Inverse Universe

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



6B1651



8C0763



6B1627



363034



750051



F500AA

Previews

White Background



This preview shows how the Hex color 166B30 looks on a white background.

Color Contrast Check

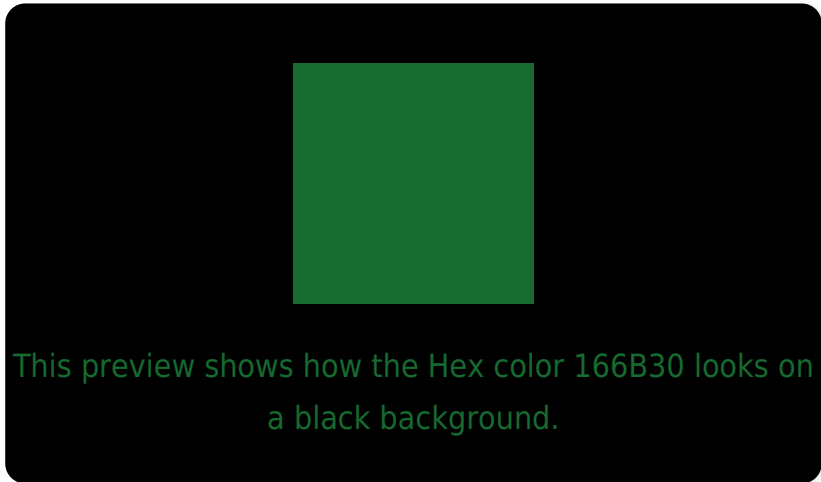
Large Text (above 18pt) WCAG AA ✓ Pass

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 166B30 Background



This preview shows how black text looks on a background with the Hex color 166B30.




This preview shows how white text looks on a background with the Hex color 166B30.

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





Tritanopia
2E656D

Trichromacy



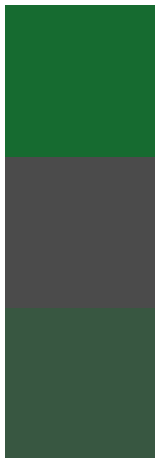
Original Color
166B30

Protanomaly
49622D

Deuteranomaly
505F33

Tritanomaly
256757

Monochromacy



Original Color
166B30

Achromatopsia
4B4B4B

Achromatomaly
385741

CSS Examples

Text

The CSS property to change the color of the text to Hex 166B30 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 #166B30 looks like.

```
.text, #text, p{  
    color:#166B30  
}
```

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 #166B30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #166B30
}
```

Border

The CSS property to change the border of an element to Hex 166B30 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
#166B30 }
```

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

```
.border{ border-color:#166B30 }
```

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

Here you see how a box with a 4 pixel #166B30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #166B30; -webkit-box-shadow:4px 4px  
4px 4px #166B30; box-shadow:4px 4px 4px  
4px #166B30 }
```

Background

The CSS property to change the background color of an element to Hex 166B30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#166B30 }
```

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

```
.background{ background-color:#166B30 }
```

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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