

# Converting Colors

Hex(167036)

Have a look what the booklet for  
Hex(167036) contains.

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# Color

**Hex(167036)**

# Conversions

## Conversions Part 1

Format	Color
Hex	167036
RGB	22, 112, 54
RGB Percent	9%, 44%, 21%
CMY	0.9137, 0.5608, 0.7882
CMYK	0.80, 0.00, 0.52, 0.56
HSL	141°, 67%, 26%
HSV	141°, 80%, 44%
XYZ	6.7909, 12.0253, 5.4532
YIQ	78.4780, -35.0220, -37.1180

# Conversions

## Conversions Part 2

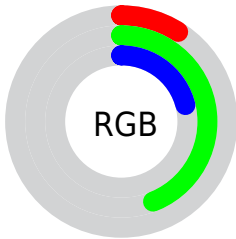
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	22, 88, 112
Decimal	1470518
CIE <sub>Lab</sub>	41.26, -39.32, 25.00
CIE <sub>LCh</sub>	41, 46.592, 147.555
Yxy	12.0253, 0.2798, 0.4955
Android (android.graphics.Color)	4279660598 (0xFF167036)
YUV	78.4780, -12.0677, -49.5312
Hunter-Lab	34.6775, -25.7298, 14.9505

# Details

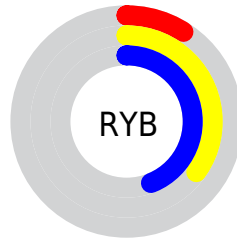
The Hex color **167036** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **701650**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **52A566**, and **003F09** is the 20% darker color. If you saturate the color by 10%, you get **0B702F**, and if you desaturate by 10%, it is **21703D**.

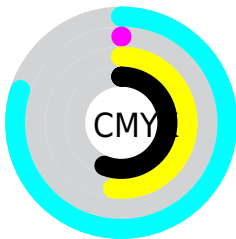
# Distribution



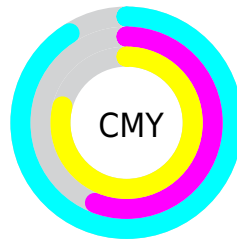
- Red (9%)
- Green (44%)
- Blue (21%)



- Red (9%)
- Yellow (35%)
- Blue (44%)



- Cyan (80%)
- Magenta (0%)
- Yellow (52%)
- Black (56%)



- Cyan (91%)
- Magenta (56%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 167036 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 167036 by changing the saturation by 10% instead.





167036



167036

FFFFFF



00571F



52A566



003F09



6DC07F



002900



88DC9A



000900



A4F9B5



000000



C0FFD0



D0FFED



F0FFFF



167036



167036

■ 0B702F

■ 21703D

■ 007028

■ 2C7044

■ 38704C

■ 437053

■ 4E705A

■ 597061

■ 647069

■ 707070

■ 7B7077

# Harmonies

## Analogous

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



526915



167036



00735D

# Triad

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



167036



0067AE



A44040

# Complementary

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



167036



701650

# 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.



A33C66



167036



5B58A5

# Square

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



167036



006FA1



8C478B



944F20

# Rectangle

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



167036



007377



8C478B



A63D4C



# Sweetspot

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



167036



6E917B



517016



354A3C



C9C9C9



4A4A4A



# Same Dimension

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



167036



069137



167062



323834



00782B



00F758



# Inverse Universe

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



701650



910660



701624



383236



78004D



F7009F



# Previews

## White Background



This preview shows how the Hex color 167036 looks on a white background.

## Color Contrast Check

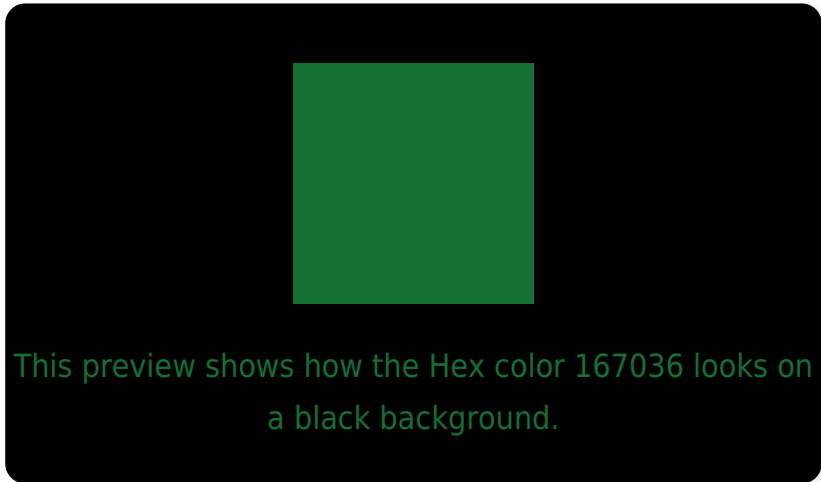
Large Text (above 18pt) WCAG AA ✓ Pass

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

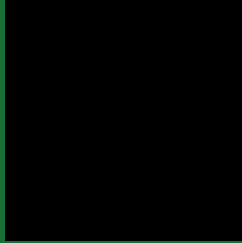
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 167036 Background



This preview shows how black text looks on a background with the Hex color 167036.



This preview shows how white text looks on a background with the Hex color 167036.

# 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**  
167036

**Protanopia**  
6B6131

**Deuteranopia**  
755C3B



**Tritanopia**  
2F6972

# Trichromacy



**Original Color**  
167036



**Protanomaly**  
4C6633



**Deuteranomaly**  
526339



**Tritanomaly**  
266C5C

# Monochromacy



**Original Color**  
167036



**Achromatopsia**  
4E4E4E



**Achromatomaly**  
3A5A45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 167036 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 #167036 looks like.

```
.text, #text, p{  
    color:#167036  
}
```

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 #167036 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #167036
}
```

## Border

The CSS property to change the border of an element to Hex 167036 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
#167036 }
```

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

```
.border{ border-color:#167036 }
```

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

Here you see how a box with a 4 pixel #167036 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #167036; -webkit-box-shadow:4px 4px  
4px 4px #167036; box-shadow:4px 4px 4px  
4px #167036 }
```

# Background

The CSS property to change the background color of an element to Hex 167036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#167036 }
```

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

```
.background{ background-color:#167036 }
```

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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