

Converting Colors

Hex(146100)

Have a look what the booklet for
Hex(146100) contains.

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Color

Hex(146100)

Conversions

Conversions Part 1

Format	Color
Hex	146100
RGB	20, 97, 0
RGB Percent	8%, 38%, 0%
CMY	0.9216, 0.6196, 1.0000
CMYK	0.79, 0.00, 1.00, 0.62
HSL	108°, 100%, 19%
HSV	108°, 100%, 38%
XYZ	4.5632, 8.6981, 1.4384
YIQ	62.9190, -14.7550, -46.4910

Conversions

Conversions Part 2

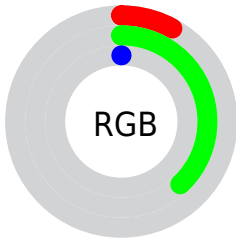
Format	Color
RYB	0, 97, 77
Decimal	1335552
CIELab	35.40, -39.81, 41.34
CIELCh	35, 57.390, 133.924
Yxy	8.6981, 0.3104, 0.5917
Android (android.graphics.Color)	4279525632 (0xFF146100)
YUV	62.9190, -31.0191, -37.6400
Hunter-Lab	29.4926, -23.9939, 17.7531

Details

The Hex color **146100** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **4D0061**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **4F9538**, and **003100** is the 20% darker color. If you saturate the color by 10%, you get **146100**, and if you desaturate by 10%, it is **1C610A**.

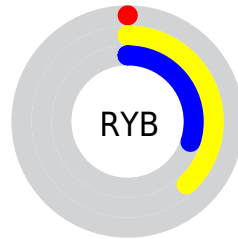
Distribution



Red (8%)

Green (38%)

Blue (0%)



Red (0%)

Yellow (38%)

Blue (30%)

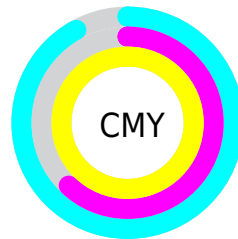


Cyan (79%)

Magenta (0%)

Yellow (100%)

Black (62%)



Cyan (92%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 146100 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 146100 by changing the saturation by 10% instead.

 146100

 146100

 FFFFF4

 004800

 4F9538

 003100

 6AB051

 001B00

 85CB6A

 000000

 A1E884

 BDF9F

 DAFFBB

 F7FFD7

 146100

 1C610A

 236113

 2B611D

 336127

 3B6131

 42613A

 4A6144

 52614E

 596157

Harmonies

Analogous

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



525800



146100



006538

Triad

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



146100



0060AC



A21740

Complementary

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



146100



4D0061

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.



971F6E



146100



0052AD

Square

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



146100



006692



6E3B96



963013

Rectangle

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



146100



006758



6E3B96



A2144F

Sweetspot

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



146100



5F7D57



614C00



2E4029



BFBFBF



404040

Same Dimension

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



146100



1A7D00



00611B



2D302C



177000



31F000

Inverse Universe

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



4D0061



63007D



610046



2F2C30



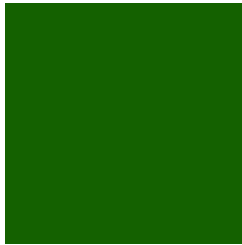
590070



BE00F0

Previews

White Background



This preview shows how the Hex color 146100 looks on a white background.

Color Contrast Check

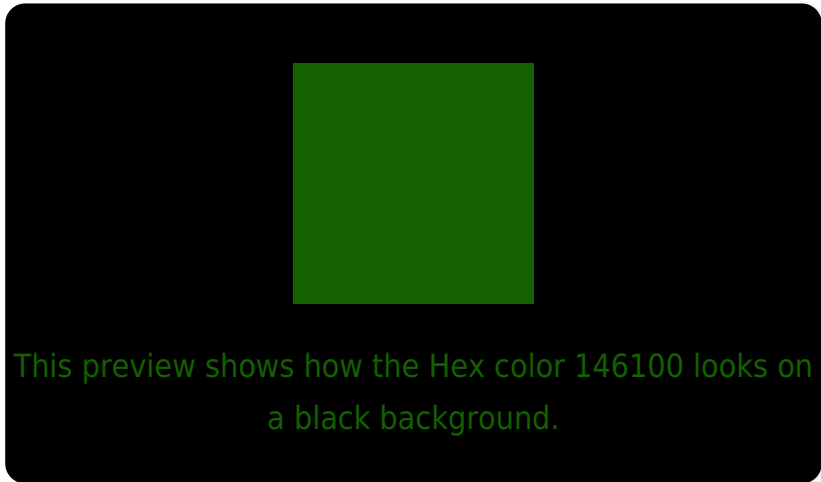
Large Text (above 18pt) WCAG AA ✓ Pass

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

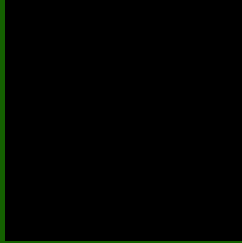
Any Text WCAG AA × Fail

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 146100 Background



This preview shows how black text looks on a background with the Hex color 146100.



This preview shows how white text looks on a background with the Hex color 146100.

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
146100

Protanopia
5E5300

Deuteranopia
694F15



Tritanopia
2C5A61

Trichromacy



Original Color
146100

Protanomaly
435800

Deuteranomaly
4A560D

Tritanomaly
235D3E

Monochromacy



Original Color
146100

Achromatopsia
3F3F3F

Achromatomaly
2F4B28

CSS Examples

Text

The CSS property to change the color of the text to Hex 146100 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 #146100 looks like.

```
.text, #text, p{  
    color:#146100  
}
```

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 #146100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #146100
}
```

Border

The CSS property to change the border of an element to Hex 146100 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".

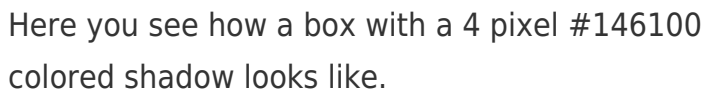
```
.border, #border, table{ border:4px solid
#146100 }
```

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

```
.border{ border-color:#146100 }
```

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

Here you see how a box with a 4 pixel #146100 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #146100; -webkit-box-shadow:4px 4px  
4px 4px #146100; box-shadow:4px 4px 4px  
4px #146100 }
```

Background

The CSS property to change the background color of an element to Hex 146100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#146100 }
```

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

```
.background{ background-color:#146100 }
```

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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