

Converting Colors

Hex(246A10)

Have a look what the booklet for
Hex(246A10) contains.

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Color

Hex(246A10)

Conversions

Conversions Part 1

Format	Color
Hex	246A10
RGB	36, 106, 16
RGB Percent	14%, 42%, 6%
CMY	0.8588, 0.5843, 0.9373
CMYK	0.66, 0.00, 0.85, 0.58
HSL	107°, 74%, 24%
HSV	107°, 85%, 42%
XYZ	5.9751, 10.7205, 2.2446
YIQ	74.8100, -12.8300, -42.8300

Conversions

Conversions Part 2

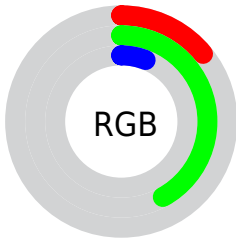
Format	Color
RYB	16, 106, 86
Decimal	2386448
CIELab	39.11, -38.71, 40.17
CIELCh	39, 55.790, 133.942
Yxy	10.7205, 0.3155, 0.5660
Android (android.graphics.Color)	4280576528 (0xFF246A10)
YUV	74.8100, -28.9933, -34.0364
Hunter-Lab	32.7422, -24.7246, 18.8551

Details

The Hex color **246A10** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **56106A**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **5B9E43**, and **003900** is the 20% darker color. If you saturate the color by 10%, you get **1C6A05**, and if you desaturate by 10%, it is **2C6A1B**.

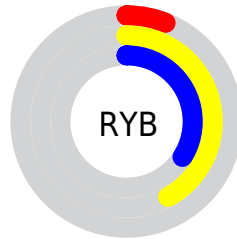
Distribution



Red (14%)

Green (42%)

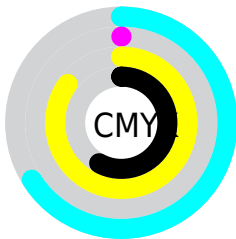
Blue (6%)



Red (6%)

Yellow (42%)

Blue (34%)

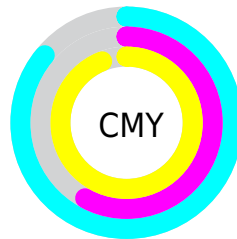


Cyan (66%)

Magenta (0%)

Yellow (85%)

Black (58%)



Cyan (86%)

Magenta (58%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 246A10 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 246A10 by changing the saturation by 10% instead.

 246A10

 246A10

FFFFFF

 005100

 5B9E43

 003900

 76B95D

 002500

 91D576

 000000

 ADF291

 CAFFAC

 E6FFC8

 FFFFE4

 246A10

 246A10

■ 1C6A05

■ 2C6A1B

■ 186A00

■ 346A25

■ 3D6A30

■ 456A3A

■ 4D6A45

■ 556A50

■ 5E6A5A

■ 666A65

■ 6E6A6F

Harmonies

Analogous

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



5C6100



246A10



006F41

Triad

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



246A10



0068B4



AB2849

Complementary

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



246A10



56106A

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.



A02E76



246A10



005AB5

Square

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



246A10



006F9A



78459E



A03B1E

Rectangle

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



246A10



007061



78459E



AB2658

Sweetspot

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



246A10



6F8A67



6A5510



354530



C4C4C4



454545

Same Dimension

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



246A10



1F8A00



106A28



313630



1A7500



36F500

Inverse Universe

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



56106A



6B008A



6A1052



343036



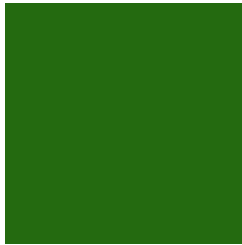
5B0075



BE00F5

Previews

White Background



This preview shows how the Hex color 246A10 looks on a white background.

Color Contrast Check

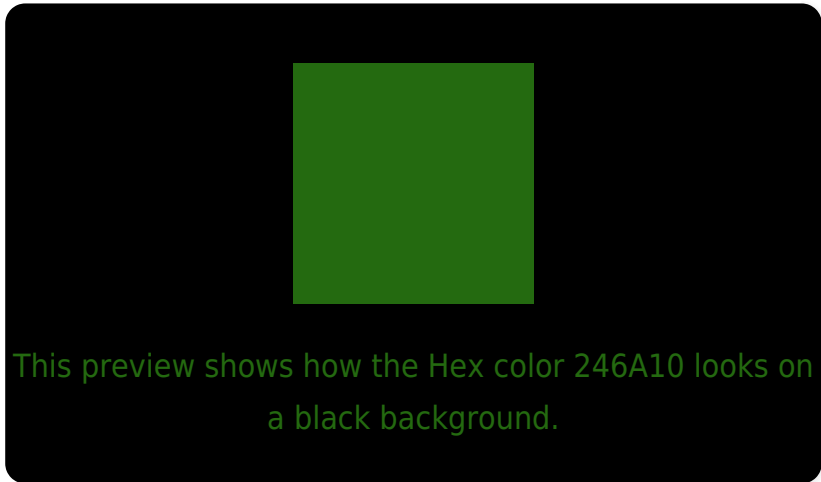
Large Text (above 18pt) WCAG AA ✓ Pass

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

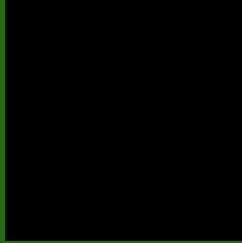
Any Text WCAG AA × Fail

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 246A10 Background



This preview shows how black text looks on a background with the Hex color 246A10.



This preview shows how white text looks on a background with the Hex color 246A10.

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
246A10

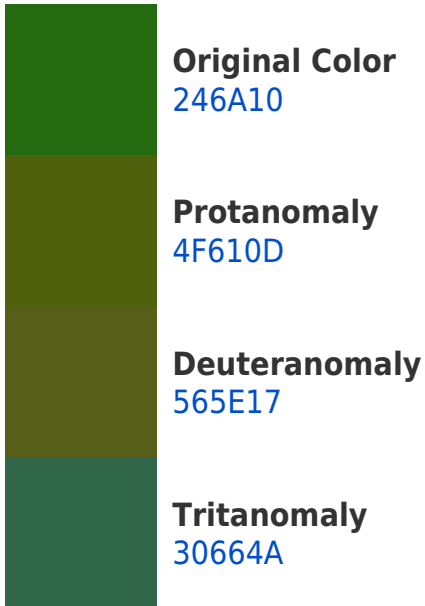
Protanopia
675C0C

Deuteranopia
73571B



Tritanopia
37636B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 246A10 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 #246A10 looks like.

```
.text, #text, p{  
    color:#246A10  
}
```

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 #246A10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #246A10
}
```

Border

The CSS property to change the border of an element to Hex 246A10 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
#246A10 }
```

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

```
.border{ border-color:#246A10 }
```

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

Here you see how a box with a 4 pixel #246A10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #246A10; -webkit-box-shadow:4px 4px  
4px 4px #246A10; box-shadow:4px 4px 4px  
4px #246A10 }
```

Background

The CSS property to change the background color of an element to Hex 246A10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#246A10 }
```

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

```
.background{ background-color:#246A10 }
```

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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