

Converting Colors

Hex(245726)

Have a look what the booklet for
Hex(245726) contains.

Hex(245726)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(245726)

Conversions

Conversions Part 1

Format	Color
Hex	245726
RGB	36, 87, 38
RGB Percent	14%, 34%, 15%
CMY	0.8588, 0.6588, 0.8510
CMYK	0.59, 0.00, 0.56, 0.66
HSL	122°, 41%, 24%
HSV	122°, 59%, 34%
XYZ	4.4856, 7.3314, 3.0124
YIQ	66.1650, -14.6670, -26.0510

Conversions

Conversions Part 2

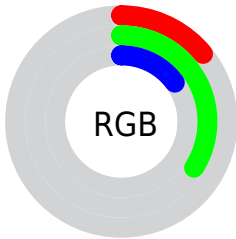
Format	Color
R_{YB}	36, 85, 87
Decimal	2381606
CIE _{Lab}	32.55, -28.58, 23.22
CIE _{LCh}	33, 36.820, 140.909
Y _{xy}	7.3314, 0.3025, 0.4944
Android (android.graphics.Color)	4280571686 (0xFF245726)
YUV	66.1650, -13.8853, -26.4547
Hunter-Lab	27.0766, -17.8130, 12.3573

Details

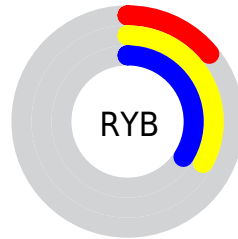
The Hex color **245726** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **572455**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **568954**, and **002900** is the 20% darker color. If you saturate the color by 10%, you get **1B571E**, and if you desaturate by 10%, it is **2D572E**.

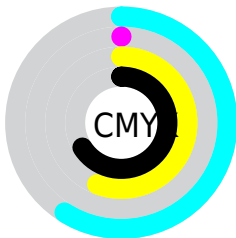
Distribution



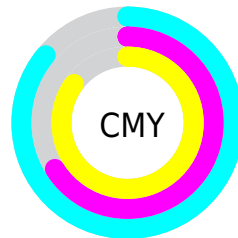
- Red (14%)
- Green (34%)
- Blue (15%)



- Red (14%)
- Yellow (33%)
- Blue (34%)



- Cyan (59%)
- Magenta (0%)
- Yellow (56%)
- Black (66%)



- Cyan (86%)
- Magenta (66%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 245726 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 245726 by changing the saturation by 10% instead.

 245726

 245726

FFFFFF

 073F10

 568954

 002900

 70A46D

 001000

 8ABF86

 000000

 A5DBA1

 C1F8BC

 DDFFD8

 FAFFF4

 245726

 245726

■ 1B571E

■ 2D572E

■ 135715

■ 355737

■ 0A570D

■ 3E573F

■ 015705

■ 475747

■ 005703

■ 505750

■ 585758

■ 615761

■ 6A5769

■ 725771

Harmonies

Analogous

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



485111



245726



005A42

Triad

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



245726



005286



81333A

Complementary

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



245726



572455

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.



7D3257



245726



3D4983

Square

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



245726



005879



673C71



773C20

Rectangle

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



245726



005B57



673C71



813143

Sweetspot

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



245726



5C705D



555724



2C382C



B8B8B8



383838

Same Dimension

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



245726



227025



24573F



272B27



006B04



00EB09

Inverse Universe

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



572455



70226D



57243C



2B272B



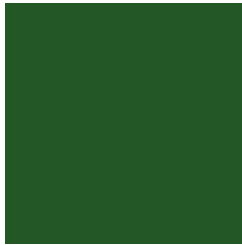
6B0067



EB00E1

Previews

White Background



This preview shows how the Hex color 245726 looks on a white background.

Color Contrast Check

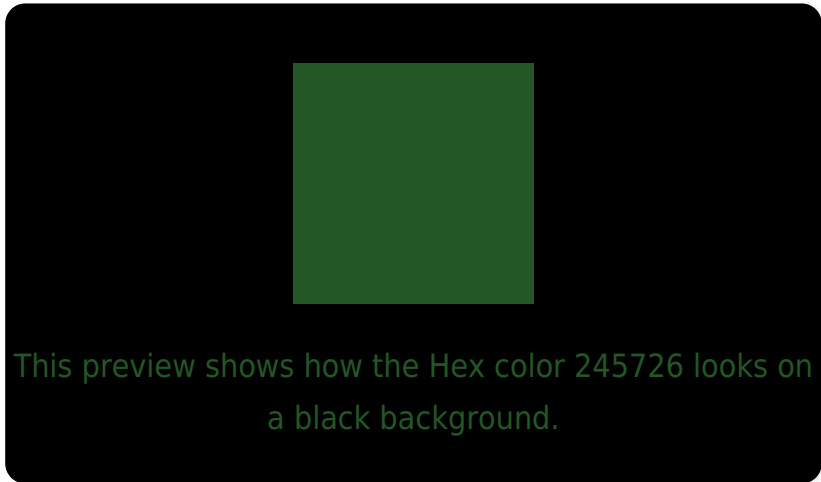
Large Text (above 18pt) WCAG AA ✓ Pass

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

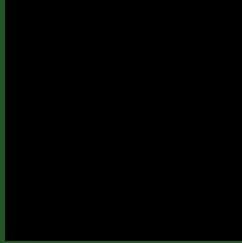
Any Text WCAG AA × Fail

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 245726 Background



This preview shows how black text looks on a background with the Hex color 245726.



This preview shows how white text looks on a background with the Hex color 245726.

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](#).

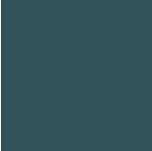
Dichromacy



Original Color
245726

Protanopia
554C23

Deuteranopia
5D492A



Tritanopia
305258

Trichromacy



Original Color
245726

Protanomaly
435024

Deuteranomaly
484E29

Tritanomaly
2C5446

Monochromacy



Original Color
245726

Achromatopsia
424242

Achromatomaly
374A38

CSS Examples

Text

The CSS property to change the color of the text to Hex 245726 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 #245726 looks like.

```
.text, #text, p{  
    color:#245726  
}
```

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 #245726 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #245726
}
```

Border

The CSS property to change the border of an element to Hex 245726 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".

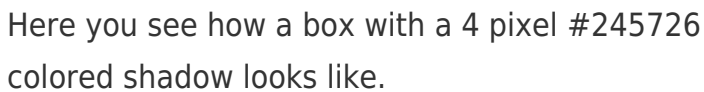
```
.border, #border, table{ border:4px solid
#245726 }
```

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

```
.border{ border-color:#245726 }
```

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

Here you see how a box with a 4 pixel #245726 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #245726; -webkit-box-shadow:4px 4px  
4px 4px #245726; box-shadow:4px 4px 4px  
4px #245726 }
```

Background

The CSS property to change the background color of an element to Hex 245726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#245726 }
```

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

```
.background{ background-color:#245726 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor