

Converting Colors

Hex(245A22)

Have a look what the booklet for
Hex(245A22) contains.

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Color

Hex(245A22)

Conversions

Conversions Part 1

Format	Color
Hex	245A22
RGB	36, 90, 34
RGB Percent	14%, 35%, 13%
CMY	0.8588, 0.6471, 0.8667
CMYK	0.60, 0.00, 0.62, 0.65
HSL	118°, 45%, 24%
HSV	118°, 62%, 35%
XYZ	4.6725, 7.8029, 2.7732
YIQ	67.4700, -14.2080, -28.8640

Conversions

Conversions Part 2

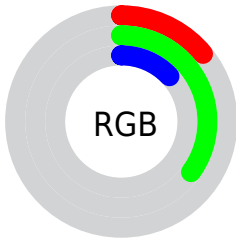
Format	Color
R_{YB}	34, 90, 88
Decimal	2382370
CIE _{Lab}	33.57, -30.50, 26.62
CIE _{LCh}	34, 40.480, 138.883
Yxy	7.8029, 0.3064, 0.5117
Android (android.graphics.Color)	4280572450 (0xFF245A22)
YUV	67.4700, -16.5007, -27.5992
Hunter-Lab	27.9337, -19.0263, 13.6673

Details

The Hex color **245A22** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **58225A**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **578D50**, and **002B00** is the 20% darker color. If you saturate the color by 10%, you get **1B5A19**, and if you desaturate by 10%, it is **2D5A2B**.

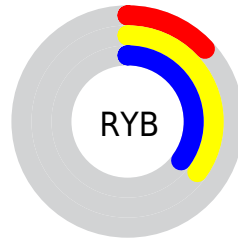
Distribution



Red (14%)

Green (35%)

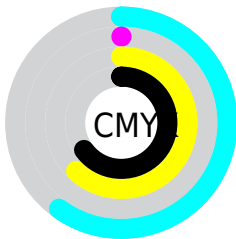
Blue (13%)



Red (13%)

Yellow (35%)

Blue (35%)

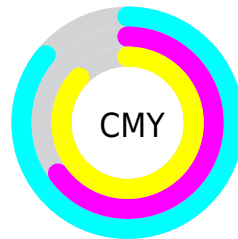


Cyan (60%)

Magenta (0%)

Yellow (62%)

Black (65%)



Cyan (86%)

Magenta (65%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 245A22 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 245A22 by changing the saturation by 10% instead.

 245A22

 245A22

FFFFFF

 06420B

 578D50

 002B00

 71A769

 001500

 8BC383

 000000

 A6DF9D

 C2FCB8

 DEFFD4

 FBFFF0

 245A22

 245A22

■ 1B5A19

■ 2D5A2B

■ 135A10

■ 355A34

■ 0A5A07

■ 3E5A3D

■ 035A00

■ 475A46

■ 4F5A4F

■ 585A58

■ 615A61

■ 695A6A

■ 725A73

Harmonies

Analogous

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



4C5309



245A22



005D42

Triad

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



245A22



00568E



89313C

Complementary

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



245A22



58225A

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.



83315C



245A22



374B8C

Square

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



245A22



005C7F



6A3D79



7F3C1F

Rectangle

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



245A22



005E58



6A3D79



892F47

Sweetspot

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



245A22



60755F



5A5722



2E3B2D



BABABA



3B3B3B

Same Dimension

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



245A22



20751D



225A3B



292E29



046E00



08ED00

Inverse Universe

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



58225A



721D75



5A2241



2E292E



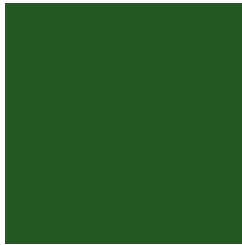
6A006E



E500ED

Previews

White Background



This preview shows how the Hex color 245A22 looks on a white background.

Color Contrast Check

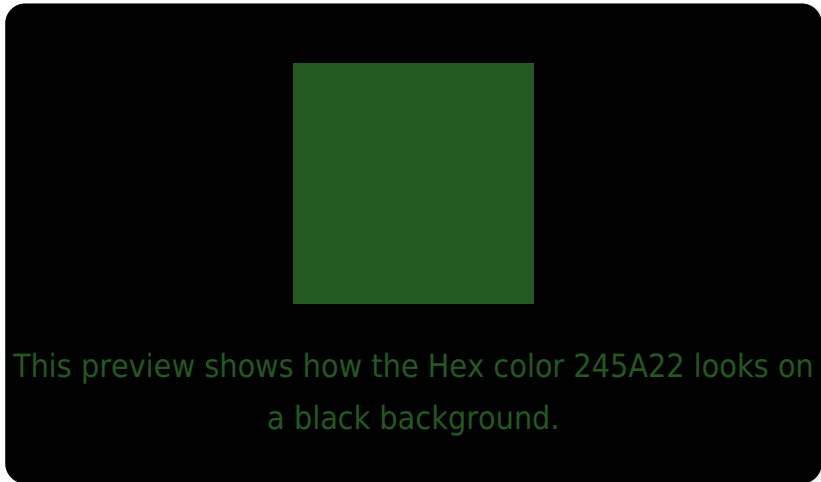
Large Text (above 18pt) WCAG AA ✓ Pass

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

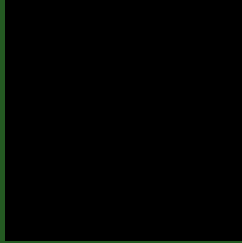
Any Text WCAG AA × Fail

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 245A22 Background



This preview shows how black text looks on a background with the Hex color 245A22.



This preview shows how white text looks on a background with the Hex color 245A22.

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
245A22

Protanopia
584F1F

Deuteranopia
614B27



Tritanopia
31545B

Trichromacy



Original Color
245A22

Protanomaly
455320

Deuteranomaly
4B5025

Tritanomaly
2C5646

Monochromacy



Original Color
245A22

Achromatopsia
434343

Achromatomaly
384B37

CSS Examples

Text

The CSS property to change the color of the text to Hex 245A22 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 #245A22 looks like.

```
.text, #text, p{  
    color:#245A22  
}
```

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 #245A22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #245A22
}
```

Border

The CSS property to change the border of an element to Hex 245A22 is called "border". The border property can be set on classes, ids or directly on the HTML element.

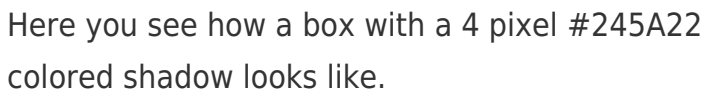
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#245A22 }
```

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

```
.border{ border-color:#245A22 }
```

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



Here you see how a box with a 4 pixel #245A22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #245A22; -webkit-box-shadow:4px 4px  
4px 4px #245A22; box-shadow:4px 4px 4px  
4px #245A22 }
```

Background

The CSS property to change the background color of an element to Hex 245A22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#245A22 }
```

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

```
.background{ background-color:#245A22 }
```

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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