

Converting Colors

Hex(245F13)

Have a look what the booklet for
Hex(245F13) contains.

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Color

Hex(245F13)

Conversions

Conversions Part 1

Format	Color
Hex	245F13
RGB	36, 95, 19
RGB Percent	14%, 37%, 7%
CMY	0.8588, 0.6275, 0.9255
CMYK	0.62, 0.00, 0.80, 0.63
HSL	107°, 67%, 22%
HSV	107°, 80%, 37%
XYZ	4.9373, 8.6065, 2.0171
YIQ	68.6950, -10.7680, -36.1440

Conversions

Conversions Part 2

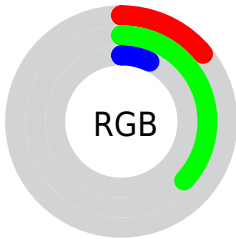
Format	Color
R_{YB}	19, 95, 78
Decimal	2383635
CIE _{Lab}	35.22, -34.19, 35.38
CIE _{LCh}	35, 49.206, 134.022
Yxy	8.6065, 0.3173, 0.5531
Android (android.graphics.Color)	4280573715 (0xFF245F13)
YUV	68.6950, -24.4996, -28.6735
Hunter-Lab	29.3368, -21.2984, 16.4592

Details

The Hex color **245F13** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4E135F**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **599244**, and **003000** is the 20% darker color. If you saturate the color by 10%, you get **1D5F09**, and if you desaturate by 10%, it is **2B5F1D**.

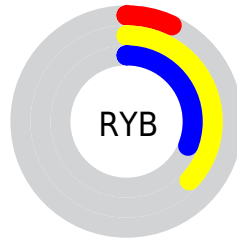
Distribution



Red (14%)

Green (37%)

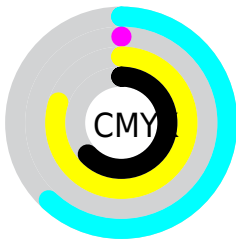
Blue (7%)



Red (7%)

Yellow (37%)

Blue (31%)

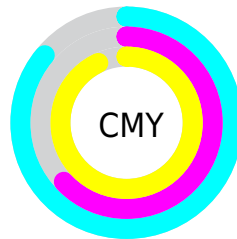


Cyan (62%)

Magenta (0%)

Yellow (80%)

Black (63%)



Cyan (86%)

Magenta (63%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 245F13 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 245F13 by changing the saturation by 10% instead.

 245F13

 245F13

FFFFFF

 034700

 599244

 003000

 73AD5C

 001B00

 8EC976

 000000

 A9E590

 C5FFAB

 E2FFC7

 FFFF E3

 245F13

 245F13

■ 1D5F09

■ 2B5F1D

■ 155F00

■ 335F26

■ 3A5F30

■ 425F39

■ 495F43

■ 505F4C

■ 585F56

■ 5F5F5F

■ 665F69

Harmonies

Analogous

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



545700



245F13



00633C

Triad

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



245F13



005D9F



982842

Complementary

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



245F13



4E135F

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.



8E2C69



245F13



1451A0

Square

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



245F13



006389



6B3F8C



8E371D

Rectangle

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



245F13



006457



6B3F8C



97274F

Sweetspot

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



245F13



647A5D



5F4D13



2F3D2B



BDBDBD



3D3D3D

Same Dimension

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



245F13



1F7A05



135F27



2D302C



197000



36F000

Inverse Universe

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



4E135F



60057A



5F134B



2F2C30



570070



BA00F0

Previews

White Background



This preview shows how the Hex color 245F13 looks on a white background.

Color Contrast Check

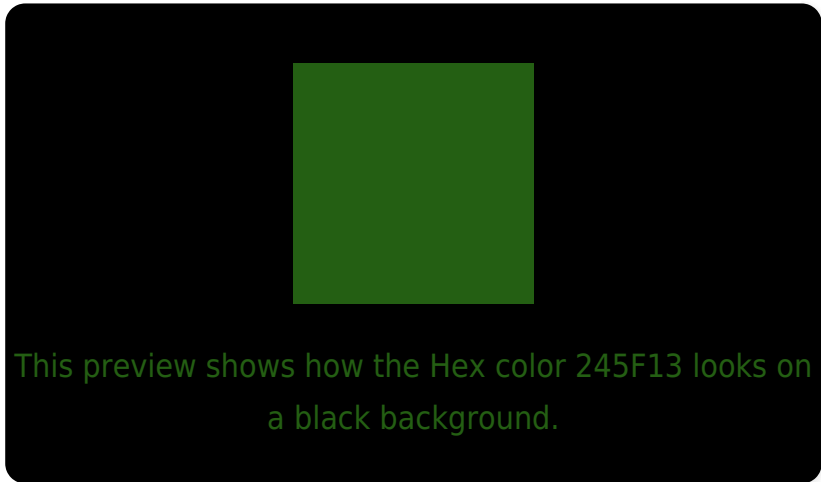
Large Text (above 18pt) WCAG AA ✓ Pass

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

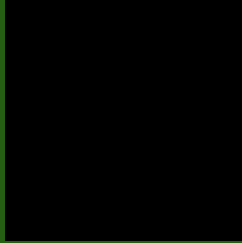
Any Text WCAG AA × Fail

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 245F13 Background



This preview shows how black text looks on a background with the Hex color 245F13.



This preview shows how white text looks on a background with the Hex color 245F13.

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
245F13

Protanopia
5D5310

Deuteranopia
674E1B



Tritanopia
345860

Trichromacy



Original Color
245F13

Protanomaly
485711

Deuteranomaly
4F5418

Tritanomaly
2E5B44

Monochromacy



Original Color
245F13

Achromatopsia
454545

Achromatomaly
394E33

CSS Examples

Text

The CSS property to change the color of the text to Hex 245F13 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 #245F13 looks like.

```
.text, #text, p{  
    color:#245F13  
}
```

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 #245F13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #245F13
}
```

Border

The CSS property to change the border of an element to Hex 245F13 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".

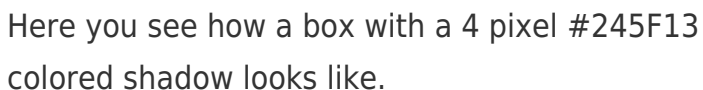
```
.border, #border, table{ border:4px solid
#245F13 }
```

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

```
.border{ border-color:#245F13 }
```

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

Here you see how a box with a 4 pixel #245F13 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #245F13; -webkit-box-shadow:4px 4px  
4px 4px #245F13; box-shadow:4px 4px 4px  
4px #245F13 }
```

Background

The CSS property to change the background color of an element to Hex 245F13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#245F13 }
```

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

```
.background{ background-color:#245F13 }
```

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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