

Converting Colors

Hex(245E1F)

Have a look what the booklet for
Hex(245E1F) contains.

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Color

Hex(245E1F)

Conversions

Conversions Part 1

Format	Color
Hex	245E1F
RGB	36, 94, 31
RGB Percent	14%, 37%, 12%
CMY	0.8588, 0.6314, 0.8784
CMYK	0.62, 0.00, 0.67, 0.63
HSL	115°, 50%, 25%
HSV	115°, 67%, 37%
XYZ	4.9776, 8.4794, 2.6707
YIQ	69.4760, -14.3450, -31.8890

Conversions

Conversions Part 2

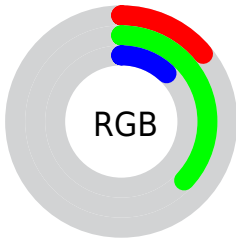
Format	Color
R_YB	31, 94, 89
Decimal	2383391
CIE Lab	34.96, -32.60, 29.76
CIE LCh	35, 44.136, 137.609
Yxy	8.4794, 0.3086, 0.5258
Android (android.graphics.Color)	4280573471 (0xFF245E1F)
YUV	69.4760, -18.9687, -29.3585
Hunter-Lab	29.1194, -20.4468, 14.9459

Details

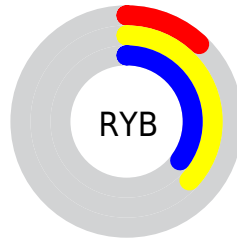
The Hex color **245E1F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **591F5E**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **58914E**, and **002F00** is the 20% darker color. If you saturate the color by 10%, you get **1B5E16**, and if you desaturate by 10%, it is **2D5E28**.

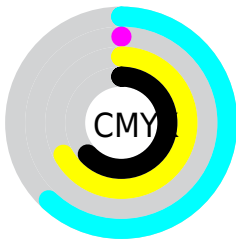
Distribution



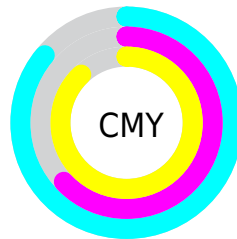
- Red (14%)
- Green (37%)
- Blue (12%)



- Red (12%)
- Yellow (37%)
- Blue (35%)



- Cyan (62%)
- Magenta (0%)
- Yellow (67%)
- Black (63%)



- Cyan (86%)
- Magenta (63%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 245E1F 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 245E1F by changing the saturation by 10% instead.



245E1F



245E1F

FFFFFF



044607



58914E



002F00



72AC67



001A00



8CC780



000000



A8E49B



C4FFB6



E0FFD1



FDFFE0



245E1F



245E1F

■ 1B5E16

■ 2D5E28

■ 135E0C

■ 355E32

■ 0A5E03

■ 3E5E3B

■ 075E00

■ 475E45

■ 4F5E4E

■ 585E57

■ 615E61

■ 695E6A

■ 725E74

Harmonies

Analogous

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



505701



245E1F



006242

Triad

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



245E1F



005A97



91303F

Complementary

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



245E1F



591F5E

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.



8A3162



245E1F



334F96

Square

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



245E1F



006186



6E3F82



873C1F

Rectangle

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



245E1F



00635A



6E3F82



912E4B

Sweetspot

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



245E1F



647A62



5E591F



303D2F



BDBDBD



3D3D3D

Same Dimension

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



245E1F



207A18



1F5E39



2A2E29



096E00



13ED00

Inverse Universe

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



591F5E



73187A



5E1F44



2E292E



65006E



DA00ED

Previews

White Background



This preview shows how the Hex color 245E1F looks on a white background.

Color Contrast Check

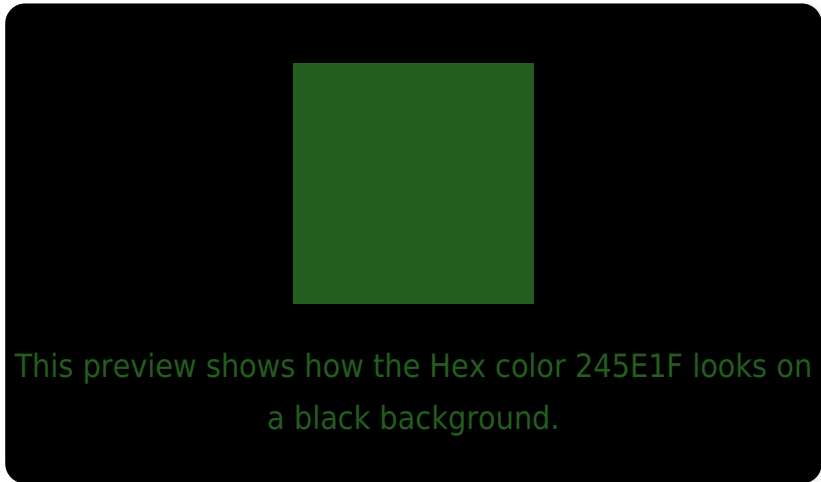
Large Text (above 18pt) WCAG AA ✓ Pass

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

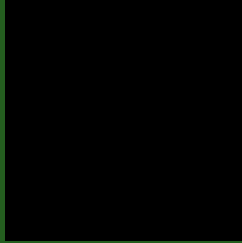
Any Text WCAG AA × Fail

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 245E1F Background



This preview shows how black text looks on a background with the Hex color 245E1F.



This preview shows how white text looks on a background with the Hex color 245E1F.

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
245E1F

Protanopia
5C521C

Deuteranopia
654E24



Tritanopia
33585F

Trichromacy



Original Color
245E1F

Protanomaly
48561D

Deuteranomaly
4D5422

Tritanomaly
2E5A48

Monochromacy



Original Color
245E1F

Achromatopsia
454545

Achromatomaly
394E37

CSS Examples

Text

The CSS property to change the color of the text to Hex 245E1F 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 #245E1F looks like.

```
.text, #text, p{  
    color:#245E1F  
}
```

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 #245E1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #245E1F
}
```

Border

The CSS property to change the border of an element to Hex 245E1F is called "border". The border property can be set on classes, ids or directly on the HTML element.

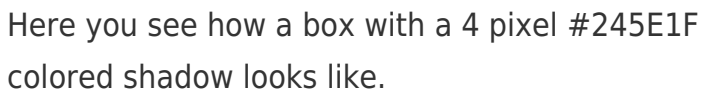
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#245E1F }
```

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

```
.border{ border-color:#245E1F }
```

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



Here you see how a box with a 4 pixel #245E1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #245E1F; -webkit-box-shadow:4px 4px  
4px 4px #245E1F; box-shadow:4px 4px 4px  
4px #245E1F }
```

Background

The CSS property to change the background color of an element to Hex 245E1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#245E1F }
```

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

```
.background{ background-color:#245E1F }
```

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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