

Converting Colors

Hex(234F00)

Have a look what the booklet for
Hex(234F00) contains.

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Color

Hex(234F00)

Conversions

Conversions Part 1

Format	Color
Hex	234F00
RGB	35, 79, 0
RGB Percent	14%, 31%, 0%
CMY	0.8627, 0.6902, 1.0000
CMYK	0.56, 0.00, 1.00, 0.69
HSL	93°, 100%, 15%
HSV	93°, 100%, 31%
XYZ	3.4891, 5.9493, 0.9644
YIQ	56.8380, -0.8650, -33.8970

Conversions

Conversions Part 2

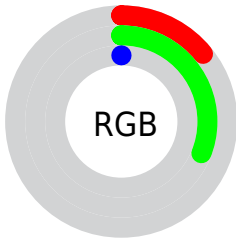
Format	Color
RYB	0, 79, 44
Decimal	2313984
CIELab	29.28, -29.02, 36.70
CIELCh	29, 46.781, 128.335
Yxy	5.9493, 0.3354, 0.5719
Android (android.graphics.Color)	4280504064 (0xFF234F00)
YUV	56.8380, -28.0211, -19.1519
Hunter-Lab	24.3912, -17.1504, 14.7295

Details

The Hex color **234F00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2C004F**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **568133**, and **002300** is the 20% darker color. If you saturate the color by 10%, you get **234F00**, and if you desaturate by 10%, it is **274F08**.

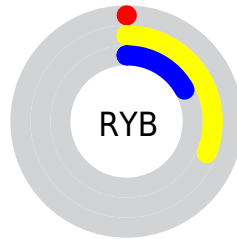
Distribution



Red (14%)

Green (31%)

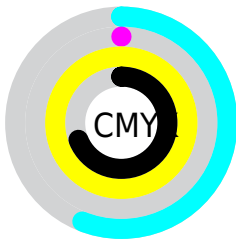
Blue (0%)



Red (0%)

Yellow (31%)

Blue (17%)

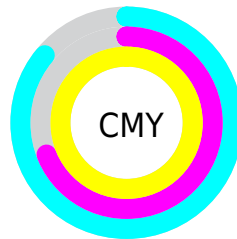


Cyan (56%)

Magenta (0%)

Yellow (100%)

Black (69%)



Cyan (86%)

Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 234F00 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 234F00 by changing the saturation by 10% instead.

 234F00

 234F00

 FFFFEC

 093800

 568133

 002300

 709B4B

 000000

 8AB664

 A5D27E

 C1EE99

 DDFFB4

 FAFFD0

 234F00

 274F08

 2C4F10

 304F18

 354F20

 394F28

 3D4F2F

 424F37

 464F3F

 4B4F47

Harmonies

Analogous

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



4C4700



234F00



005328

Triad

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



234F00



005089



84193D

Complementary

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



234F00



2C004F

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.



772261



234F00



00468D

Square

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



234F00



005471



52367E



7E271A

Rectangle

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



234F00



005542



52367E



821A49

Sweetspot

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



234F00



556647



4F2B00



293321



B3B3B3



333333

Same Dimension

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



234F00



2D6600



004F04



242622



66E600

Inverse Universe

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



2C004F



390066



4F004B



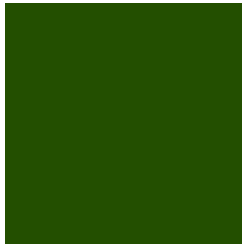
252226



8000E6

Previews

White Background



This preview shows how the Hex color 234F00 looks on a white background.

Color Contrast Check

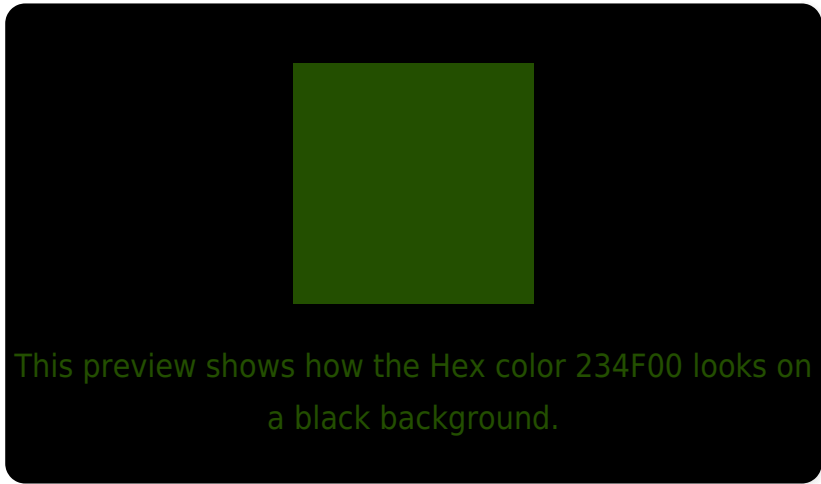
Large Text (above 18pt) WCAG AA ✓ Pass

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

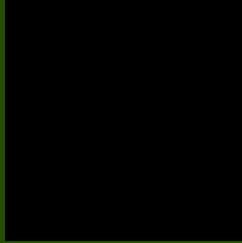
Any Text WCAG AA × Fail

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 234F00 Background



This preview shows how black text looks on a background with the Hex color 234F00.



This preview shows how white text looks on a background with the Hex color 234F00.

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](#).

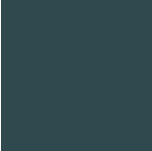
Dichromacy



Original Color
234F00

Protanopia
4E4500

Deuteranopia
574110



Tritanopia
2F494F

Trichromacy



Original Color
234F00

Protanomaly
3E4900

Deuteranomaly
44460A

Tritanomaly
2B4B32

Monochromacy



Original Color
234F00

Achromatopsia
393939

Achromatomaly
314124

CSS Examples

Text

The CSS property to change the color of the text to Hex 234F00 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 #234F00 looks like.

```
.text, #text, p{  
    color:#234F00  
}
```

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 #234F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #234F00
}
```

Border

The CSS property to change the border of an element to Hex 234F00 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
#234F00 }
```

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

```
.border{ border-color:#234F00 }
```

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

Here you see how a box with a 4 pixel #234F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #234F00; -webkit-box-shadow:4px 4px  
4px 4px #234F00; box-shadow:4px 4px 4px  
4px #234F00 }
```

Background

The CSS property to change the background color of an element to Hex 234F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#234F00 }
```

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

```
.background{ background-color:#234F00 }
```

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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