

Converting Colors

Hex(238F00)

Have a look what the booklet for
Hex(238F00) contains.

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Color

Hex(238F00)

Conversions

Conversions Part 1

Format	Color
Hex	238F00
RGB	35, 143, 0
RGB Percent	14%, 56%, 0%
CMY	0.8627, 0.4392, 1.0000
CMYK	0.76, 0.00, 1.00, 0.44
HSL	105°, 100%, 28%
HSV	105°, 100%, 56%
XYZ	10.5156, 20.0022, 3.3066
YIQ	94.4060, -18.4650, -67.3690

Conversions

Conversions Part 2

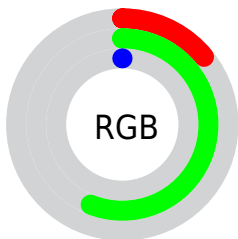
Format	Color
RYB	0, 143, 108
Decimal	2330368
CIELab	51.84, -52.38, 54.57
CIELCh	52, 75.640, 133.829
Yxy	20.0022, 0.3109, 0.5914
Android (android.graphics.Color)	4280520448 (0xFF238F00)
YUV	94.4060, -46.5422, -52.0991
Hunter-Lab	44.7239, -36.2974, 26.9232

Details

The Hex color **238F00** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6C008F**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **64C643**, and **005B00** is the 20% darker color. If you saturate the color by 10%, you get **238F00**, and if you desaturate by 10%, it is **2E8F0E**.

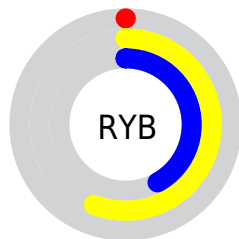
Distribution



Red (14%)

Green (56%)

Blue (0%)



Red (0%)

Yellow (56%)

Blue (42%)

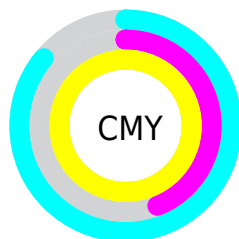


Cyan (76%)

Magenta (0%)

Yellow (100%)

Black (44%)



Cyan (86%)

Magenta (44%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 238F00 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 238F00 by changing the saturation by 10% instead.

 238F00

 238F00


FFFFFF

 007500

 64C643

 005B00

 81E25E

 004200

 9EFF79

 002D00

 BBFF94

 000C00

 D8FFB0

 000000

 F6FFCD

 FFFFEA

 238F00

 2E8F0E

 398F1D

 438F2B

 4E8F39

 598F48

 648F56

 6F8F64

 798F72

 848F81

Harmonies

Analogous

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



7A8200



238F00



009555

Triad

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



238F00



008DF9



EB2761

Complementary

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



238F00



6C008F

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.



DC32A1



238F00



007AFB

Square

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



238F00



0096D5



A25ADA



DA4A22

Rectangle

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



238F00



009782



A25ADA



EA2276

Sweetspot

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



238F00



90BA82



8F6B00



455E3C



DEDEDE



5E5E5E

Same Dimension

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



238F00



2EBA00



008F24



424740



218700



020800

Inverse Universe

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



6C008F



8D00BA



8F006B



464047



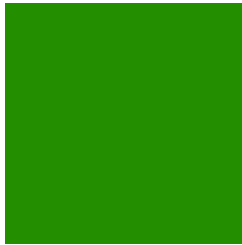
660087



060008

Previews

White Background



This preview shows how the Hex color 238F00 looks on a white background.

Color Contrast Check

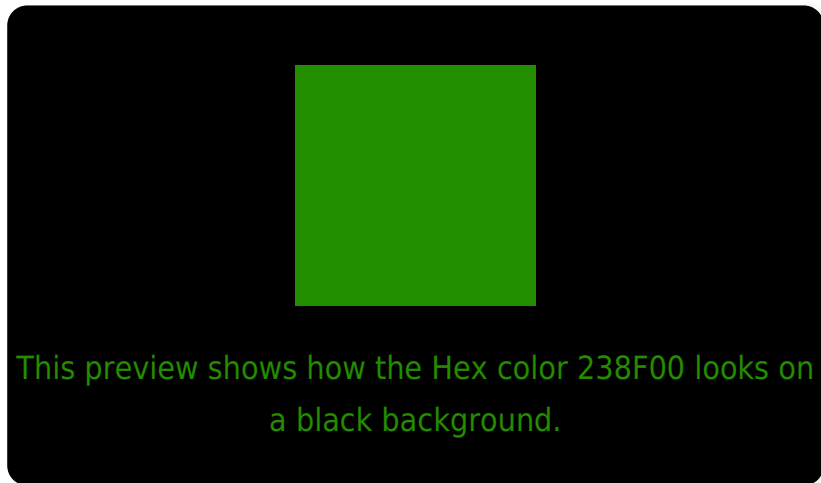
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

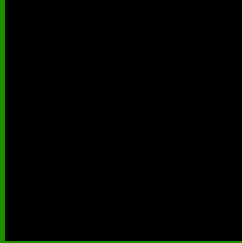
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 238F00 Background



This preview shows how black text looks on a background with the Hex color 238F00.



This preview shows how white text looks on a background with the Hex color 238F00.

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
238F00

Protanopia
8B7B00

Deuteranopia
9B751F



Tritanopia
448590

Trichromacy



Original Color
238F00



Protanomaly
658200



Deuteranomaly
6F7E14



Tritanomaly
38895C

Monochromacy



Original Color
238F00



Achromatopsia
5E5E5E



Achromatomaly
49703C

CSS Examples

Text

The CSS property to change the color of the text to Hex 238F00 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 #238F00 looks like.

```
.text, #text, p{  
    color:#238F00  
}
```

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 #238F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #238F00
}
```

Border

The CSS property to change the border of an element to Hex 238F00 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
#238F00 }
```

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

```
.border{ border-color:#238F00 }
```

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

Here you see how a box with a 4 pixel #238F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #238F00; -webkit-box-shadow:4px 4px  
4px 4px #238F00; box-shadow:4px 4px 4px  
4px #238F00 }
```

Background

The CSS property to change the background color of an element to Hex 238F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#238F00 }
```

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

```
.background{ background-color:#238F00 }
```

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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