

Converting Colors

Hex(22F46A)

Have a look what the booklet for
Hex(22F46A) contains.

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Color

Hex(22F46A)

Conversions

Conversions Part 1

Format	Color
Hex	22F46A
RGB	34, 244, 106
RGB Percent	13%, 96%, 42%
CMY	0.8667, 0.0431, 0.5843
CMYK	0.86, 0.00, 0.57, 0.04
HSL	141°, 91%, 55%
HSV	141°, 86%, 96%
XYZ	35.6119, 66.0821, 24.5138
YIQ	165.4780, -80.8620, -87.4380

Conversions

Conversions Part 2

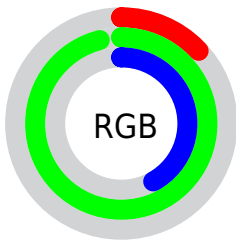
Format	Color
RYB	34, 190, 244
Decimal	2290794
CIELab	85.04, -75.05, 52.53
CIELCh	85, 91.611, 145.008
Yxy	66.0821, 0.2822, 0.5236
Android (android.graphics.Color)	4280480874 (0xFF22F46A)
YUV	165.4780, -29.3227, -115.3062
Hunter-Lab	81.2909, -64.0618, 39.0243

Details

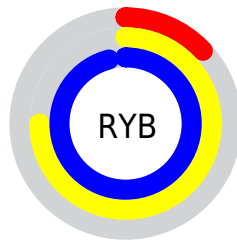
The Hex color **22F46A** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **F422AC**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **79FFA0**, and **00BA34** is the 20% darker color. If you saturate the color by 10%, you get **0AF45A**, and if you desaturate by 10%, it is **3AF47A**.

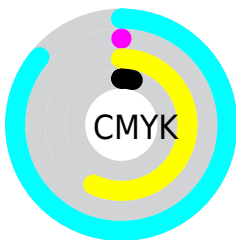
Distribution



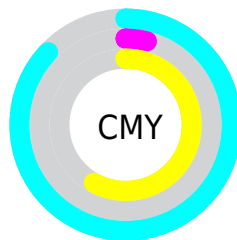
- Red (13%)
- Green (96%)
- Blue (42%)



- Red (13%)
- Yellow (75%)
- Blue (96%)



- Cyan (86%)
- Magenta (0%)
- Yellow (57%)
- Black (4%)



- Cyan (87%)
- Magenta (4%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22F46A 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 22F46A by changing the saturation by 10% instead.

 22F46A

 22F46A

FFFFFF

 00D74F

 79FFA0

 00BA34

 9AFFBC

 009E15

 BBFFD9

 008300

 DBFFF6

 006800

 FAFFFF

 004E00

 003500

 001A00

 000000

 22F46A

 22F46A

 0AF45A

 3AF47A

 00F454

 53F48A

 6BF49A

 84F4AA

 9CF4BA

 B4F4CA

 CDF4DA

 E5F4EA

 FEF4FA

Harmonies

Analogous

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



B7E502



22F46A



00FBC3

Triad

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



22F46A



00E3FF



FF8391

Complementary

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



22F46A



F422AC

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.



FF7BE7



22F46A



B4C4FF

Square

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



22F46A



00F5FF



FF9AFF



FFA742

Rectangle

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



22F46A



00FCFF



FF9AFF



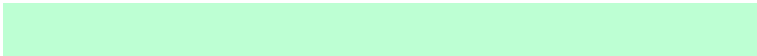
FF7BAD

Sweetspot

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



22F46A



BDFFD3



AEF422



588066



000000



808080

Same Dimension

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



22F46A



00FF57



22F4D1



6E7A72



00BA40



003B14

Inverse Universe

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



F422AC



FF00A8



F42245



7A6E76



BA007A



3B0027

Previews

White Background



This preview shows how the Hex color 22F46A looks on a white 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

Black Background



This preview shows how the Hex color 22F46A looks on a 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 ✓ Pass

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

Hex 22F46A Background



This preview shows how black text looks on a background with the Hex color 22F46A.

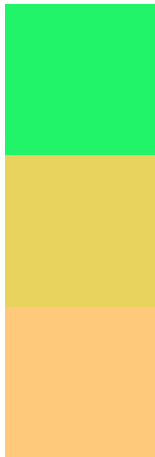


This preview shows how white text looks on a background with the Hex color 22F46A.

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](#).

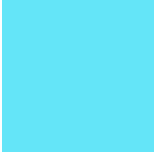
Dichromacy



Original Color
22F46A

Protanopia
E9D35F

Deuteranopia
FFC97B



Tritanopia
64E5F8

Trichromacy



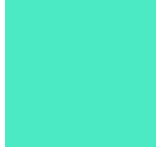
Original Color
22F46A



Protanomaly
A1DF63



Deuteranomaly
AFD975



Tritanomaly
4CEAC4

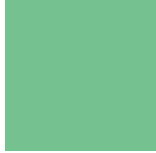
Monochromacy



Original Color
22F46A



Achromatopsia
A5A5A5



Achromatomaly
75C290

CSS Examples

Text

The CSS property to change the color of the text to Hex 22F46A 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 #22F46A looks like.

```
.text, #text, p{  
    color:#22F46A  
}
```

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 #22F46A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22F46A
}
```

Border

The CSS property to change the border of an element to Hex 22F46A 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
#22F46A }
```

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

```
.border{ border-color:#22F46A }
```

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

Here you see how a box with a 4 pixel #22F46A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22F46A; -webkit-box-shadow:4px 4px  
4px 4px #22F46A; box-shadow:4px 4px 4px  
4px #22F46A }
```

Background

The CSS property to change the background color of an element to Hex 22F46A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22F46A }
```

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

```
.background{ background-color:#22F46A }
```

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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