

Converting Colors

Hex(22E377)

Have a look what the booklet for
Hex(22E377) contains.

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Color

Hex(22E377)

Conversions

Conversions Part 1

Format	Color
Hex	22E377
RGB	34, 227, 119
RGB Percent	13%, 89%, 47%
CMY	0.8667, 0.1098, 0.5333
CMYK	0.85, 0.00, 0.48, 0.11
HSL	146°, 78%, 51%
HSV	146°, 85%, 89%
XYZ	31.4585, 56.6102, 26.7216
YIQ	156.9810, -80.3600, -74.5040

Conversions

Conversions Part 2

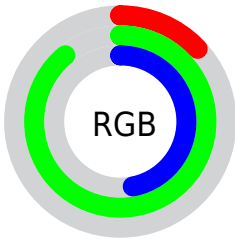
Format	Color
RYB	34, 168, 227
Decimal	2286455
CIELab	79.96, -67.76, 40.23
CIELCh	80, 78.801, 149.300
Yxy	56.6102, 0.2741, 0.4932
Android (android.graphics.Color)	4280476535 (0xFF22E377)
YUV	156.9810, -18.7246, -107.8543
Hunter-Lab	75.2397, -57.0367, 31.6108

Details

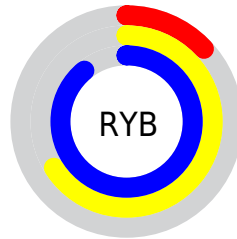
The Hex color **22E377** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **E3228E**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **74FFAD**, and **00AA44** is the 20% darker color. If you saturate the color by 10%, you get **0BE36A**, and if you desaturate by 10%, it is **39E384**.

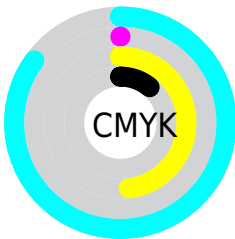
Distribution



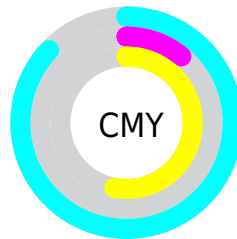
- Red (13%)
- Green (89%)
- Blue (47%)



- Red (13%)
- Yellow (66%)
- Blue (89%)



- Cyan (85%)
- Magenta (0%)
- Yellow (48%)
- Black (11%)



- Cyan (87%)
- Magenta (11%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22E377 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 22E377 by changing the saturation by 10% instead.

 22E377

 22E377

FFFFFF

 00C65D

 74FFAD

 00AA44

 95FFC9

 008E2B

 B4FFE5

 00740F

 D4FFFF

 005900

 F3FFFF

 004000

 002800

 000000

 22E377

 22E377

 0BE36A

 39E384

 00E364

 4FE390

 66E39D

 7DE3AA

 94E3B7

 AAE3C3

 C1E3D0

 D8E3DD

 EEE3E9

Harmonies

Analogous

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



A3D736



22E377



00E8C2

Triad

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



22E377



00CFFF



FF8883

Complementary

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



22E377



E3228E

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.



FF7ECB



22E377



C2B3FF

Square

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



22E377



00E1FF



FF92FF



FFA544

Rectangle

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



22E377



00E9F5



FF92FF



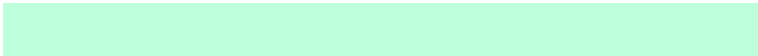
FF819A

Sweetspot

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



22E377



BDFFDA



8FE322



588069



000000



808080

Same Dimension

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



22E377



00FF70



22E3D6



67736C



00B34F



003316

Inverse Universe

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



E3228E



FF008F



E3222F



73676E



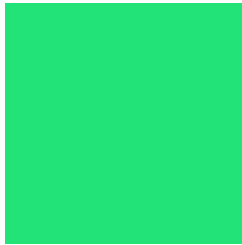
B30064



33001D

Previews

White Background



This preview shows how the Hex color 22E377 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 22E377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

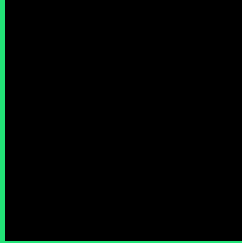
Any Text WCAG AA ✓ Pass

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 22E377 Background



This preview shows how black text looks on a background with the Hex color 22E377.

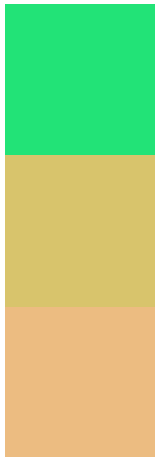


This preview shows how white text looks on a background with the Hex color 22E377.

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](#).

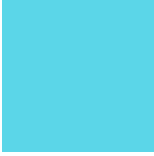
Dichromacy



Original Color
22E377

Protanopia
D8C46C

Deuteranopia
ECBC81



Tritanopia
5BD6E8

Trichromacy



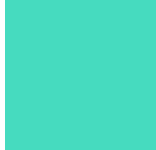
Original Color
22E377



Protanomaly
96CF70



Deuteranomaly
A3CA7D

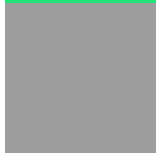


Tritanomaly
46DBBF

Monochromacy



Original Color
22E377



Achromatopsia
9D9D9D



Achromatomaly
70B68F

CSS Examples

Text

The CSS property to change the color of the text to Hex 22E377 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 #22E377 looks like.

```
.text, #text, p{  
    color:#22E377  
}
```

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 #22E377 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22E377
}
```

Border

The CSS property to change the border of an element to Hex 22E377 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
#22E377 }
```

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

```
.border{ border-color:#22E377 }
```

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

Here you see how a box with a 4 pixel #22E377 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22E377; -webkit-box-shadow:4px 4px  
4px 4px #22E377; box-shadow:4px 4px 4px  
4px #22E377 }
```

Background

The CSS property to change the background color of an element to Hex 22E377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22E377 }
```

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

```
.background{ background-color:#22E377 }
```

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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