

Converting Colors

Hex(22EA25)

Have a look what the booklet for
Hex(22EA25) contains.

Hex(22EA25)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(22EA25)

Conversions

Conversions Part 1

Format	Color
Hex	22EA25
RGB	34, 234, 37
RGB Percent	13%, 92%, 15%
CMY	0.8667, 0.0824, 0.8549
CMYK	0.85, 0.00, 0.84, 0.08
HSL	121°, 83%, 53%
HSV	121°, 85%, 92%
XYZ	30.4164, 59.3193, 11.5969
YIQ	151.7420, -55.9630, -103.6670

Conversions

Conversions Part 2

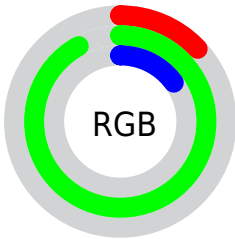
Format	Color
RYB	34, 231, 234
Decimal	2288165
CIELab	81.47, -78.12, 73.24
CIELCh	81, 107.082, 136.844
Yxy	59.3193, 0.3002, 0.5854
Android (android.graphics.Color)	4280478245 (0xFF22EA25)
YUV	151.7420, -56.5678, -103.2597
Hunter-Lab	77.0190, -64.2899, 44.9859

Details

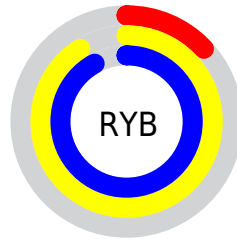
The Hex color **22EA25** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **EA22E7**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **79FF66**, and **00B000** is the 20% darker color. If you saturate the color by 10%, you get **0BEA0E**, and if you desaturate by 10%, it is **39EA3C**.

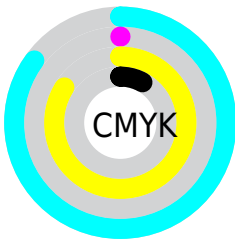
Distribution



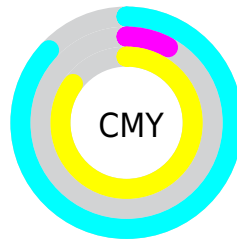
- Red (13%)
- Green (92%)
- Blue (15%)



- Red (13%)
- Yellow (91%)
- Blue (92%)



- Cyan (85%)
- Magenta (0%)
- Yellow (84%)
- Black (8%)



- Cyan (87%)
- Magenta (8%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22EA25 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 22EA25 by changing the saturation by 10% instead.

 22EA25

 22EA25

FFFFFF

 00CD00

 79FF66

 00B000

 9BFF83

 009500

 BBFFA0

 007900

 DBFFBD

 005F00

 FBFFDA

 004500

 FFFFF8

 002C00

 000A00

 000000

 22EA25

 22EA25

 0BEA0E

 39EA3C

 00EA04

 51EA53

 68EA6A

 80EA81

 97EA98

 AE EAAF

 C6EAC6

 DDEADD

 F5EAF4

Harmonies

Analogous

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



BFD700



22EA25



00F399

Triad

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



22EA25



00E3FF



FF4E97

Complementary

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



22EA25



EA22E7

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.



FF55FB



22EA25



14C3FF

Square

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



22EA25



00F2FF



FF90FF



FF8434

Rectangle

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



22EA25



00F6E0



FF90FF



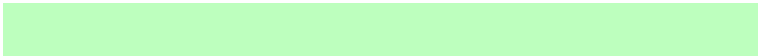
FF45B8

Sweetspot

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



22EA25



BDFFBF



EAEA22



588059



000000



808080

Same Dimension

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



22EA25



00FF04



22EA86



6A756A



00B503



003601

Inverse Universe

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



EA22E7



FF00FB



EA2286



756A75



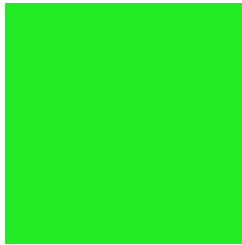
B500B2



360035

Previews

White Background



This preview shows how the Hex color 22EA25 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 22EA25 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 22EA25 Background



This preview shows how black text looks on a background with the Hex color 22EA25.

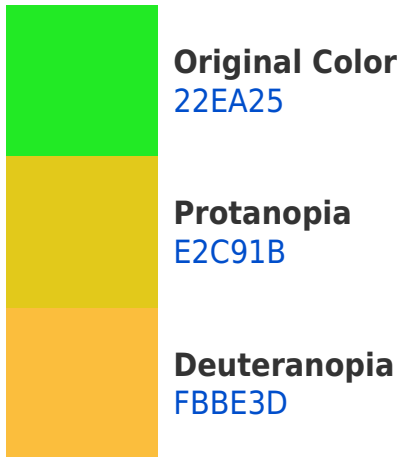


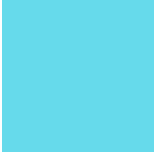
This preview shows how white text looks on a background with the Hex color 22EA25.

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](#).

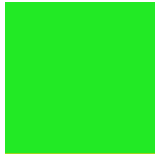
Dichromacy





Tritanopia
66DAEB

Trichromacy



Original Color
22EA25



Protanomaly
9CD51F

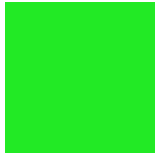


Deuteranomaly
ACCE34



Tritanomaly
4DE0A3

Monochromacy



Original Color
22EA25



Achromatopsia
989898



Achromatomaly
6DB66E

CSS Examples

Text

The CSS property to change the color of the text to Hex 22EA25 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 #22EA25 looks like.

```
.text, #text, p{  
    color:#22EA25  
}
```

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 #22EA25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22EA25
}
```

Border

The CSS property to change the border of an element to Hex 22EA25 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
#22EA25 }
```

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

```
.border{ border-color:#22EA25 }
```

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

Here you see how a box with a 4 pixel #22EA25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22EA25; -webkit-box-shadow:4px 4px  
4px 4px #22EA25; box-shadow:4px 4px 4px  
4px #22EA25 }
```

Background

The CSS property to change the background color of an element to Hex 22EA25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22EA25 }
```

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

```
.background{ background-color:#22EA25 }
```

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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