

Converting Colors

Hex(21A22D)

Have a look what the booklet for
Hex(21A22D) contains.

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Color

Hex(21A22D)

Conversions

Conversions Part 1

Format	Color
Hex	21A22D
RGB	33, 162, 45
RGB Percent	13%, 64%, 18%
CMY	0.8706, 0.3647, 0.8235
CMYK	0.80, 0.00, 0.72, 0.36
HSL	126°, 66%, 38%
HSV	126°, 80%, 64%
XYZ	14.0212, 26.3535, 6.8304
YIQ	110.0910, -39.3270, -63.7350

Conversions

Conversions Part 2

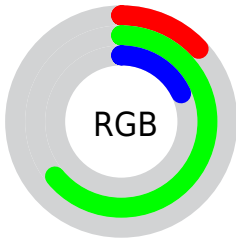
Format	Color
RYB	33, 151, 162
Decimal	2204205
CIELab	58.37, -56.37, 48.76
CIELCh	58, 74.534, 139.143
Yxy	26.3535, 0.2970, 0.5583
Android (android.graphics.Color)	4280394285 (0xFF21A22D)
YUV	110.0910, -32.0899, -67.6088
Hunter-Lab	51.3356, -41.0840, 28.0462

Details

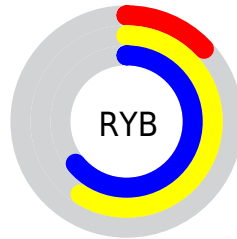
The Hex color **21A22D** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A22196**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **66DA62**, and **006D00** is the 20% darker color. If you saturate the color by 10%, you get **11A21E**, and if you desaturate by 10%, it is **31A23C**.

Distribution



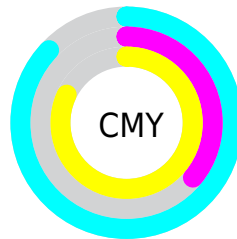
- Red (13%)
- Green (64%)
- Blue (18%)



- Red (13%)
- Yellow (59%)
- Blue (64%)



- Cyan (80%)
- Magenta (0%)
- Yellow (72%)
- Black (36%)



- Cyan (87%)
- Magenta (36%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21A22D 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 21A22D by changing the saturation by 10% instead.

 21A22D

 21A22D

FFFFFF

 00870E

 66DA62

 006D00

 83F77C

 005300

 A1FF97

 003B00

 BEFFB3

 002400


 DCFFCF

 000000

 FAF FEC

 21A22D

 21A22D

 11A21E

 31A23C

■ 01A210

■ 41A24A

■ 00A20F

■ 52A259

■ 62A268

■ 72A276

■ 82A285

■ 92A294

■ A3A2A3

■ B3A2B1

Harmonies

Analogous

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



829600



21A22D



00A872

Triad

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



21A22D



009BFF



FE4566

Complementary

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



21A22D



A22196

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.



F446A7



21A22D



4D85FF

Square

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



21A22D



00A6EF



C265E3



E96328

Rectangle

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



21A22D



00A99F



C265E3



FF417B

Sweetspot

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



21A22D



A1D4A6



97A221



4C6B4F



EBEBEB



6B6B6B

Same Dimension

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



21A22D



08D41B



21A26C



49524A



00910E



001202

Inverse Universe

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



A22196



D408C1



A22157



524951



910084



120010

Previews

White Background



This preview shows how the Hex color 21A22D looks on a white background.

Color Contrast Check

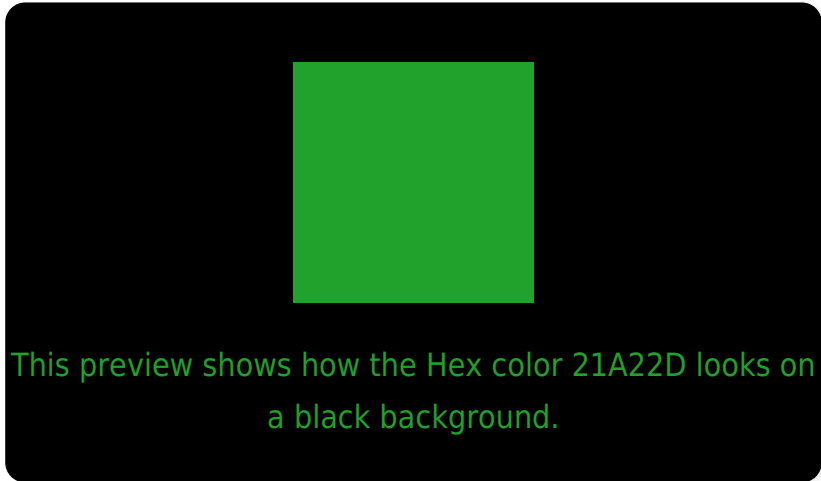
Large Text (above 18pt) WCAG AA ✓ Pass

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 21A22D Background



This preview shows how black text looks on a background with the Hex color 21A22D.

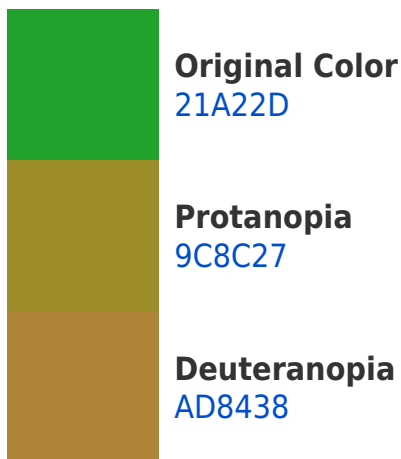


This preview shows how white text looks on a background with the Hex color 21A22D.

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
4997A3

Trichromacy



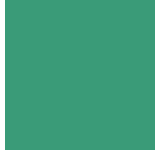
Original Color
21A22D



Protanomaly
6F9429



Deuteranomaly
7A8F34



Tritanomaly
3A9B78

Monochromacy



Original Color
21A22D



Achromatopsia
6E6E6E



Achromatomaly
528156

CSS Examples

Text

The CSS property to change the color of the text to Hex 21A22D 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 #21A22D looks like.

```
.text, #text, p{  
    color:#21A22D  
}
```

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 #21A22D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21A22D
}
```

Border

The CSS property to change the border of an element to Hex 21A22D 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
#21A22D }
```

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

```
.border{ border-color:#21A22D }
```

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

Here you see how a box with a 4 pixel #21A22D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21A22D; -webkit-box-shadow:4px 4px  
4px 4px #21A22D; box-shadow:4px 4px 4px  
4px #21A22D }
```

Background

The CSS property to change the background color of an element to Hex 21A22D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21A22D }
```

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

```
.background{ background-color:#21A22D }
```

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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