

Converting Colors

Hex(21B412)

Have a look what the booklet for
Hex(21B412) contains.

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Color

Hex(21B412)

Conversions

Conversions Part 1

Format	Color
Hex	21B412
RGB	33, 180, 18
RGB Percent	13%, 71%, 7%
CMY	0.8706, 0.2941, 0.9294
CMYK	0.82, 0.00, 0.90, 0.29
HSL	114°, 82%, 39%
HSV	114°, 90%, 71%
XYZ	17.0576, 33.0095, 6.0447
YIQ	117.5790, -35.6100, -81.5460

Conversions

Conversions Part 2

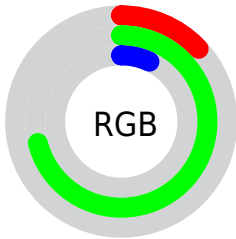
Format	Color
RYB	18, 180, 165
Decimal	2208786
CIELab	64.17, -63.52, 61.93
CIELCh	64, 88.713, 135.730
Yxy	33.0095, 0.3040, 0.5883
Android (android.graphics.Color)	4280398866 (0xFF21B412)
YUV	117.5790, -49.0924, -74.1758
Hunter-Lab	57.4539, -47.5490, 33.9799

Details

The Hex color **21B412** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **A512B4**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **6BED52**, and **007E00** is the 20% darker color. If you saturate the color by 10%, you get **11B400**, and if you desaturate by 10%, it is **31B424**.

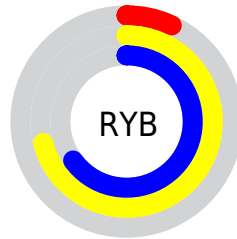
Distribution



Red (13%)

Green (71%)

Blue (7%)



Red (7%)

Yellow (71%)

Blue (65%)

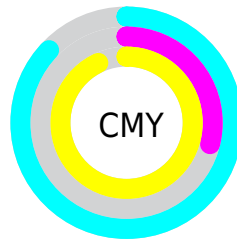


Cyan (82%)

Magenta (0%)

Yellow (90%)

Black (29%)



Cyan (87%)

Magenta (29%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21B412 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 21B412 by changing the saturation by 10% instead.

 21B412

 21B412

FFFFFF

 009800

 6BED52

 007E00

 8AFF6E

 006300

 A9FF8A

 004A00

 C7FFA6

 003300

 E6FFC2

 001700

 FFFFDF

 000000

 FFFFFD

 21B412

 21B412

 11B400

 31B424

 42B436

 52B448

 62B45A

 73B46C

 83B47E

 93B490

 A4B4A2

 B4B4B4

Harmonies

Analogous

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



95A500



21B412



00BB71

Triad

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



21B412



00B0FF



FF3776

Complementary

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



21B412



A512B4

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.



FF3FC5



21B412



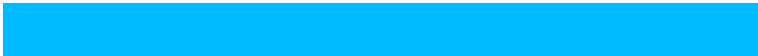
0097FF

Square

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



21B412



00BBFF



D16FFF



FF6228

Rectangle

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



21B412



00BDA9



D16FFF



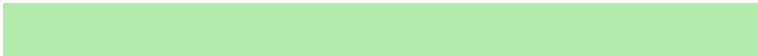
FF3090

Sweetspot

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



21B412



B1EBAB



B4A412



537550



F5F5F5



757575

Same Dimension

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



21B412



16EB00



12B453



515950



0E9900



021A00

Inverse Universe

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



A512B4



D500EB



B41273



585059



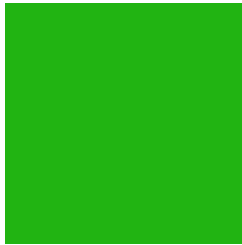
8B0099



17001A

Previews

White Background



This preview shows how the Hex color 21B412 looks on a white background.

Color Contrast Check

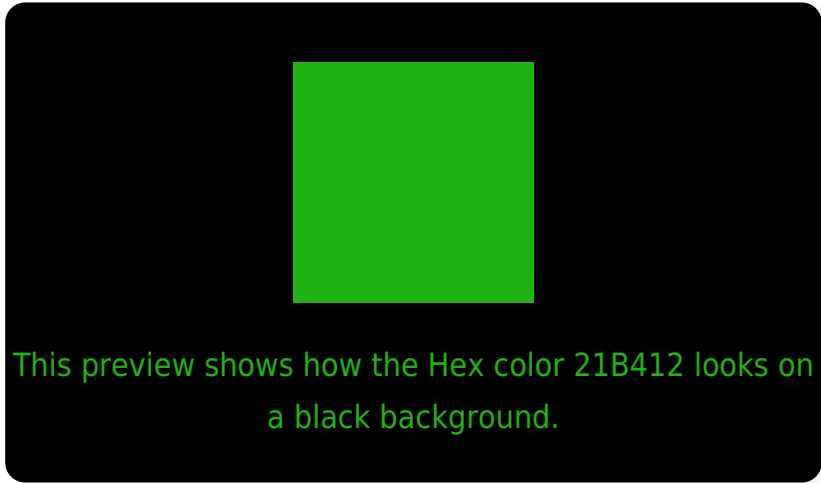
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 21B412 Background



This preview shows how black text looks on a background with the Hex color 21B412.



This preview shows how white text looks on a background with the Hex color 21B412.

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](#).

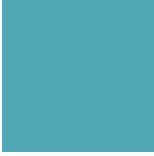
Dichromacy



Original Color
21B412

Protanopia
AE9B00

Deuteranopia
C2922A



Tritanopia
51A7B5

Trichromacy



Original Color
21B412



Protanomaly
7BA407



Deuteranomaly
879E21



Tritanomaly
40AC7A

Monochromacy



Original Color
21B412



Achromatopsia
767676



Achromatomaly
578D52

CSS Examples

Text

The CSS property to change the color of the text to Hex 21B412 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 #21B412 looks like.

```
.text, #text, p{  
    color:#21B412  
}
```

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 #21B412 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21B412
}
```

Border

The CSS property to change the border of an element to Hex 21B412 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
#21B412 }
```

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

```
.border{ border-color:#21B412 }
```

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

Here you see how a box with a 4 pixel #21B412 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21B412; -webkit-box-shadow:4px 4px  
4px 4px #21B412; box-shadow:4px 4px 4px  
4px #21B412 }
```

Background

The CSS property to change the background color of an element to Hex 21B412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21B412 }
```

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

```
.background{ background-color:#21B412 }
```

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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