

# Converting Colors

Hex(41B108)

Have a look what the booklet for  
Hex(41B108) contains.

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**Color**

**Hex(41B108)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41B108
RGB	65, 177, 8
RGB Percent	25%, 69%, 3%
CMY	0.7451, 0.3059, 0.9686
CMYK	0.63, 0.00, 0.95, 0.31
HSL	100°, 91%, 36%
HSV	100°, 95%, 69%
XYZ	17.9459, 32.5856, 5.5735
YIQ	124.2460, -12.5030, -76.3030

# Conversions

## Conversions Part 2

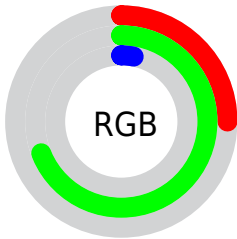
Format	Color
<b>RYB</b>	8, 177, 120
Decimal	4305160
CIELab	63.82, -57.22, 63.37
CIELCh	64, 85.382, 132.084
Yxy	32.5856, 0.3199, 0.5808
Android (android.graphics.Color)	4282495240 (0xFF41B108)
YUV	124.2460, -57.3093, -51.9587
Hunter-Lab	57.0838, -43.7801, 34.1697

# Details

The Hex color **41B108** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **7808B1**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **7FEA4E**, and **007B00** is the 20% darker color. If you saturate the color by 10%, you get **3CB100**, and if you desaturate by 10%, it is **4DB11A**.

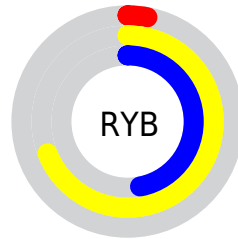
# Distribution



Red (25%)

Green (69%)

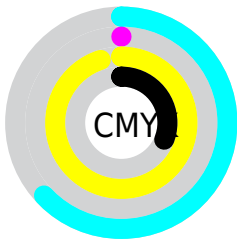
Blue (3%)



Red (3%)

Yellow (69%)

Blue (47%)

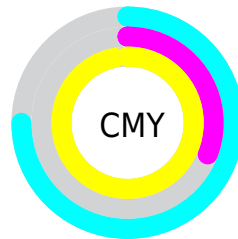


Cyan (63%)

Magenta (0%)

Yellow (95%)

Black (31%)



Cyan (75%)

Magenta (31%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41B108 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 41B108 by changing the saturation by 10% instead.



 41B108

 41B108

FFFFFF

 189600

 7FEA4E

 007B00

 9DFF6A

 006100

 BAFF86

 004800

 D8FFA2

 003200

 F7FFBF

 001600

 FFFFDC

 000000

 FFFFF9

 41B108

 41B108

 3CB100

 4DB11A

 58B12B

 64B13D

 70B14F

 7CB161

 87B172

 93B184

 9FB196

 ABB1A7

# Harmonies

## Analogous

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



9EA100



41B108



00B969

# Triad

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



41B108



00B0FF



FF3C7F

# Complementary

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



41B108



7808B1

# 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.



FF4ACB



41B108



009AFF

# Square

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



41B108



00BAFF



C276FF



FF6036

# Rectangle

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



41B108



00BB9E



C276FF



FF3A99



# Sweetspot

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



41B108



B9E6A3



B17608



58734B



F2F2F2



737373



# Same Dimension

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



41B108



4DE600



08B121



535950



349900



091A00



# Inverse Universe

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



7808B1



9800E6



B10898



565059



650099



11001A



# Previews

## White Background



This preview shows how the Hex color 41B108 looks on a white background.

## Color Contrast Check

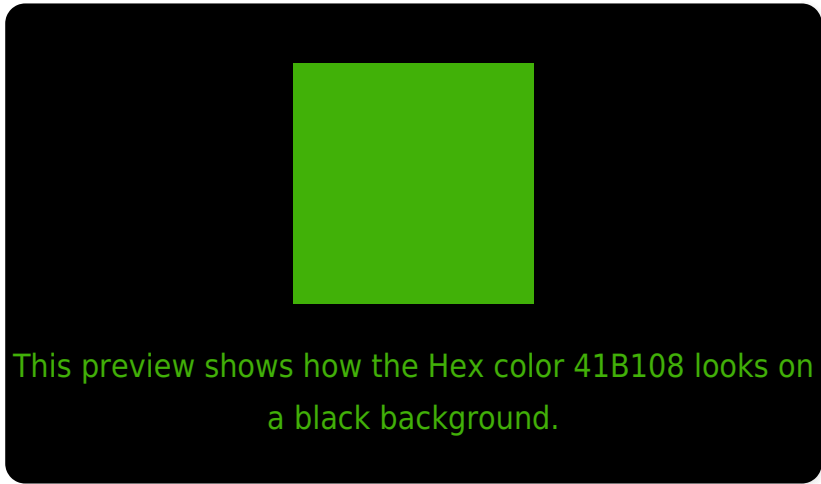
Large Text (above 18pt) WCAG AA × Fail

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 41B108 Background



This preview shows how black text looks on a background with the Hex color 41B108.

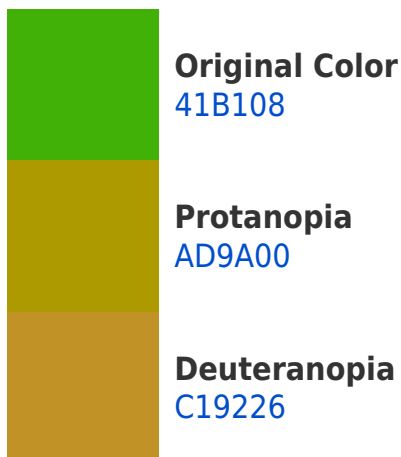


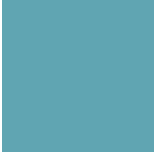
This preview shows how white text looks on a background with the Hex color 41B108.

# 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](#).

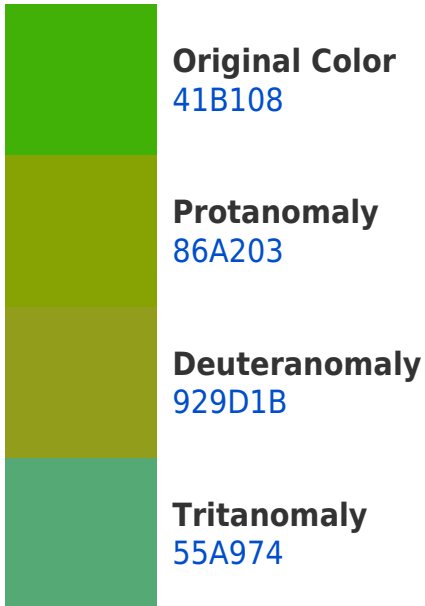
## Dichromacy



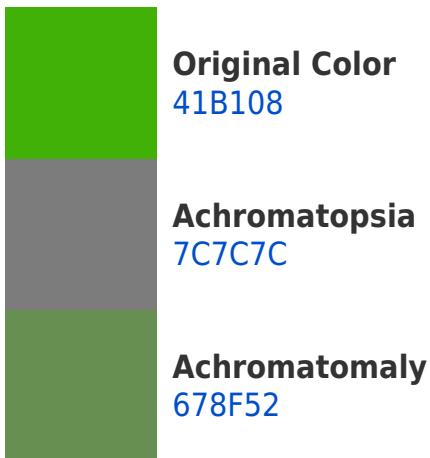


**Tritanopia**  
60A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41B108 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 #41B108 looks like.

```
.text, #text, p{  
    color:#41B108  
}
```

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 #41B108 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41B108
}
```

## Border

The CSS property to change the border of an element to Hex 41B108 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
#41B108 }
```

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

```
.border{ border-color:#41B108 }
```

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

Here you see how a box with a 4 pixel #41B108 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41B108; -webkit-box-shadow:4px 4px  
4px 4px #41B108; box-shadow:4px 4px 4px  
4px #41B108 }
```

# Background

The CSS property to change the background color of an element to Hex 41B108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41B108 }
```

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

```
.background{ background-color:#41B108 }
```

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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