

Converting Colors

Hex(41B364)

Have a look what the booklet for
Hex(41B364) contains.

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Color

Hex(41B364)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 41B364 |
| RGB | 65, 179, 100 |
| RGB Percent | 25%, 70%, 39% |
| CMY | 0.7451, 0.2980, 0.6078 |
| CMYK | 0.64, 0.00, 0.44, 0.30 |
| HSL | 138°, 47%, 48% |
| HSV | 138°, 64%, 70% |
| XYZ | 20.6003, 34.2841, 17.5883 |
| YIQ | 135.9080, -42.5850, -48.7370 |

Conversions

Conversions Part 2

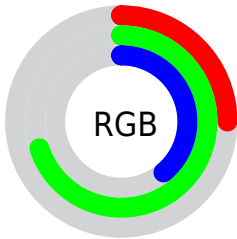
| Format | Color |
|-------------------------------------|--|
| RYB | 65, 152, 179 |
| Decimal | 4305764 |
| CIELab | 65.19, -49.60, 31.06 |
| CIELCh | 65, 58.524, 147.951 |
| Yxy | 34.2841, 0.2842, 0.4731 |
| Android (android.graphics.Color) | 4282495844 (0xFF41B364) |
| YUV | 135.9080, -17.7026, -62.1863 |
| Hunter-Lab | 58.5526, -39.6662, 23.1770 |

Details

The Hex color **41B364** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B34190**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **7CEC98**, and **007D33** is the 20% darker color. If you saturate the color by 10%, you get **2FB358**, and if you desaturate by 10%, it is **53B370**.

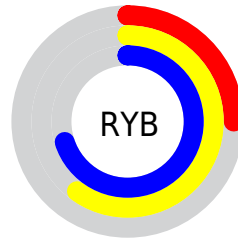
Distribution



Red (25%)

Green (70%)

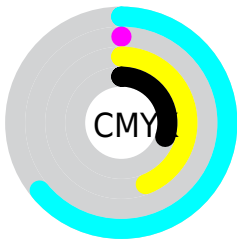
Blue (39%)



Red (25%)

Yellow (60%)

Blue (70%)

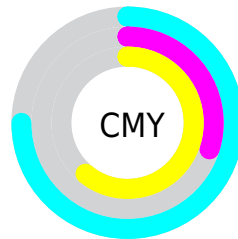


Cyan (64%)

Magenta (0%)

Yellow (44%)

Black (30%)



Cyan (75%)

Magenta (30%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41B364 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 41B364 by changing the saturation by 10% instead.

 41B364

 41B364

FFFFFF

 1C984B

 7CEC98

 007D33

 99FFB3

 00631C

 B6FFCF

 004A03

 D4FFEB

 003300

 F1FFFF

 001B00

 000000

 41B364

 41B364

 2FB358

 53B370

 1DB34B

 65B37D

 0BB33F

 77B389

 00B337

 89B396

 9BB3A2

 ACB3AE

 BEB3BB

 D0B3C7

 E2B3D4

Harmonies

Analogous

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



8AAA3B



41B364



00B799

Triad

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



41B364



00A5FF



FC7470

Complementary

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



41B364



B34190

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.



FA6EA4



41B364



9992FB

Square

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



41B364



00B2F6



DB7CD7



E58645

Rectangle

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



41B364



00B8BD



DB7CD7



FE7081

Sweetspot

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



41B364



BCE8C9



91B341



5A7563



F5F5F5



757575

Same Dimension

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



41B364



38E86E



41B39C



505953



00992F



001A08

Inverse Universe

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



B34190



E838B2



B34158



595057



99006A



1A0012

Previews

White Background



This preview shows how the Hex color 41B364 looks on a white background.

Color Contrast Check

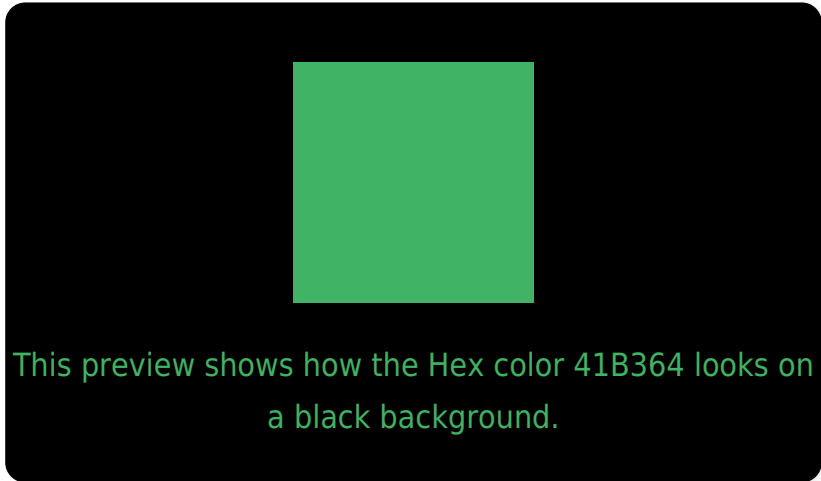
Large Text (above 18pt) WCAG AA × Fail

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

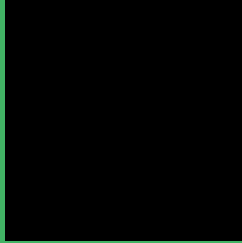
Any Text WCAG AA ✓ Pass

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 41B364 Background



This preview shows how black text looks on a background with the Hex color 41B364.

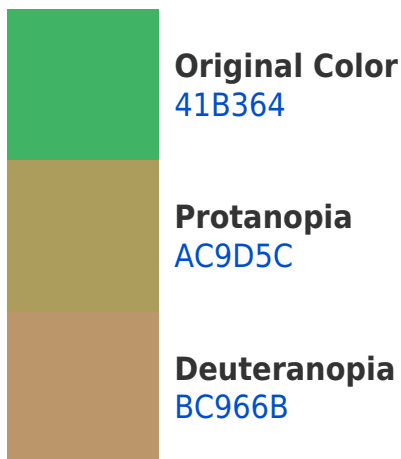


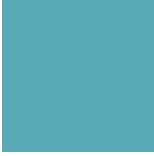
This preview shows how white text looks on a background with the Hex color 41B364.

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](#).

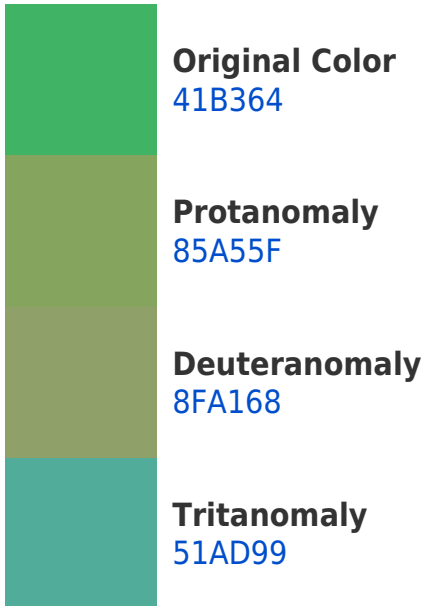
Dichromacy





Tritanopia
5AA9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 41B364 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 #41B364 looks like.

```
.text, #text, p{  
    color:#41B364  
}
```

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 #41B364 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41B364
}
```

Border

The CSS property to change the border of an element to Hex 41B364 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
#41B364 }
```

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

```
.border{ border-color:#41B364 }
```

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

Here you see how a box with a 4 pixel #41B364 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41B364; -webkit-box-shadow:4px 4px  
4px 4px #41B364; box-shadow:4px 4px 4px  
4px #41B364 }
```

Background

The CSS property to change the background color of an element to Hex 41B364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41B364 }
```

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

```
.background{ background-color:#41B364 }
```

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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