

Converting Colors

Hex(42B05F)

Have a look what the booklet for
Hex(42B05F) contains.

Hex(42B05F)	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(42B05F)

Conversions

Conversions Part 1

Format	Color
Hex	42B05F
RGB	66, 176, 95
RGB Percent	26%, 69%, 37%
CMY	0.7412, 0.3098, 0.6275
CMYK	0.62, 0.00, 0.46, 0.31
HSL	136°, 45%, 47%
HSV	136°, 62%, 69%
XYZ	19.8377, 33.0351, 16.1573
YIQ	133.8760, -39.5590, -48.5110

Conversions

Conversions Part 2

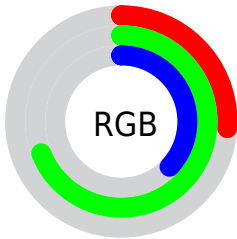
Format	Color
RYB	66, 153, 176
Decimal	4370527
CIELab	64.19, -49.06, 32.37
CIELCh	64, 58.774, 146.578
Yxy	33.0351, 0.2874, 0.4786
Android (android.graphics.Color)	4282560607 (0xFF42B05F)
YUV	133.8760, -19.1659, -59.5273
Hunter-Lab	57.4762, -38.9749, 23.5661

Details

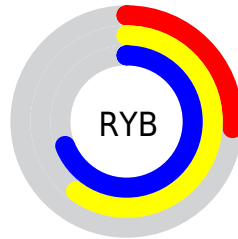
The Hex color **42B05F** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B04293**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **7DE993**, and **007A2E** is the 20% darker color. If you saturate the color by 10%, you get **30B052**, and if you desaturate by 10%, it is **54B06C**.

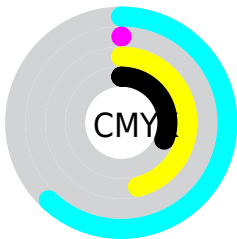
Distribution



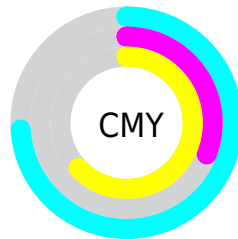
- Red (26%)
- Green (69%)
- Blue (37%)



- Red (26%)
- Yellow (60%)
- Blue (69%)



- Cyan (62%)
- Magenta (0%)
- Yellow (46%)
- Black (31%)



- Cyan (74%)
- Magenta (31%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42B05F 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 42B05F by changing the saturation by 10% instead.



42B05F



42B05F

FFFFFF



1F9546



7DE993



007A2E



99FFAE



006117



B6FFC9



004800



D4FFE6



003100



F1FFFF



001700



000000



42B05F



42B05F



30B052



54B06C

 1FB045

 65B079

 0DB038

 77B086

 00B02E

 88B093

 9AB0A0

 ACB0AD

 BDB0BA

 CFB0C7

 E0B0D4

Harmonies

Analogous

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



89A636



42B05F



00B594

Triad

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



42B05F



00A3FF



FA7070

Complementary

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



42B05F



B04293

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.



F76CA4



42B05F



9290FA

Square

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



42B05F



00AFF2



D67AD6



E48344

Rectangle

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



42B05F



00B5B8



D67AD6



FC6C81

Sweetspot

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



42B05F



BAE6C5



95B042



58735F



F2F2F2



737373

Same Dimension

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



42B05F



39E667



42B095



505953



009928



001A07

Inverse Universe

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



B04293



E639B8



B0425E



595057



990071



1A0013

Previews

White Background



This preview shows how the Hex color 42B05F looks on a white background.

Color Contrast Check

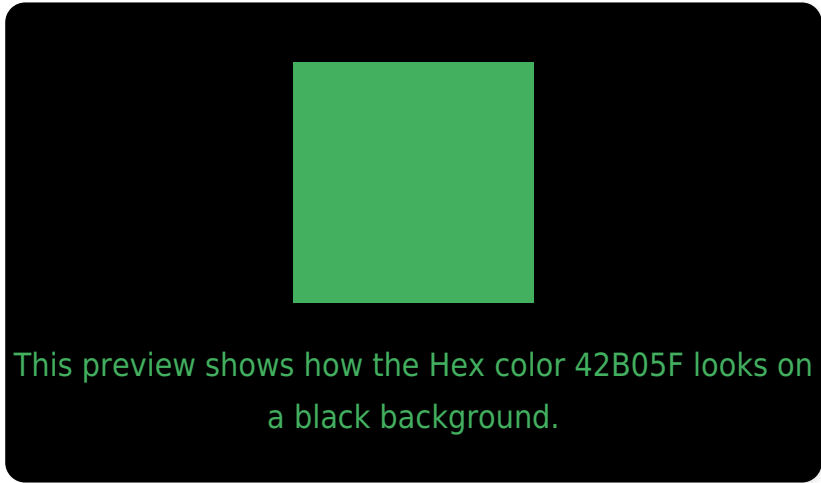
Large Text (above 18pt) WCAG AA × Fail

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

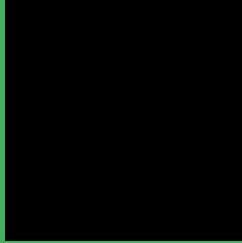
Any Text WCAG AA ✓ Pass

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 42B05F Background



This preview shows how black text looks on a background with the Hex color 42B05F.

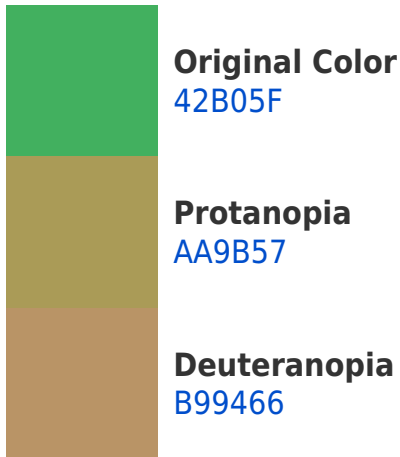


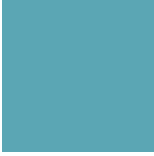
This preview shows how white text looks on a background with the Hex color 42B05F.

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](#).

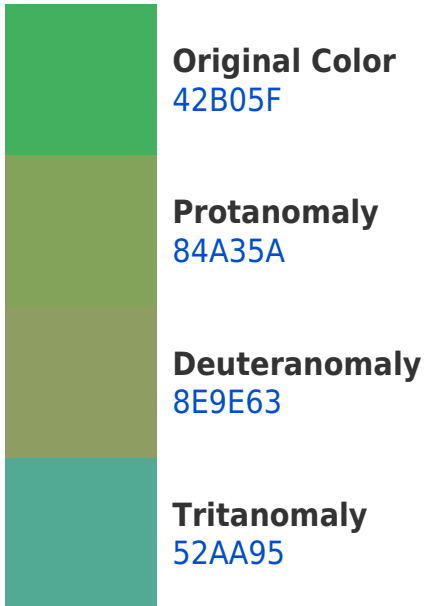
Dichromacy





Tritanopia
5BA6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42B05F 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 #42B05F looks like.

```
.text, #text, p{  
    color:#42B05F  
}
```

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 #42B05F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42B05F
}
```

Border

The CSS property to change the border of an element to Hex 42B05F 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
#42B05F }
```

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

```
.border{ border-color:#42B05F }
```

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

Here you see how a box with a 4 pixel #42B05F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42B05F; -webkit-box-shadow:4px 4px  
4px 4px #42B05F; box-shadow:4px 4px 4px  
4px #42B05F }
```

Background

The CSS property to change the background color of an element to Hex 42B05F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42B05F }
```

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

```
.background{ background-color:#42B05F }
```

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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