

Converting Colors

Hex(42B653)

Have a look what the booklet for
Hex(42B653) contains.

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Color

Hex(42B653)

Conversions

Conversions Part 1

Format	Color
Hex	42B653
RGB	66, 182, 83
RGB Percent	26%, 71%, 33%
CMY	0.7412, 0.2863, 0.6745
CMYK	0.64, 0.00, 0.54, 0.29
HSL	129°, 47%, 49%
HSV	129°, 64%, 71%
XYZ	20.5360, 35.2387, 13.9030
YIQ	136.0300, -37.3570, -55.3810

Conversions

Conversions Part 2

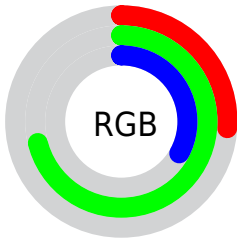
Format	Color
RYB	66, 167, 182
Decimal	4372051
CIELab	65.93, -53.14, 40.55
CIELCh	66, 66.843, 142.648
Yxy	35.2387, 0.2947, 0.5057
Android (android.graphics.Color)	4282562131 (0xFF42B653)
YUV	136.0300, -26.1438, -61.4163
Hunter-Lab	59.3622, -42.1326, 27.6674

Details

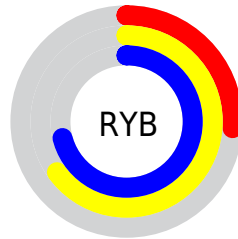
The Hex color **42B653** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B642A5**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **7EEF87**, and **008021** is the 20% darker color. If you saturate the color by 10%, you get **30B643**, and if you desaturate by 10%, it is **54B663**.

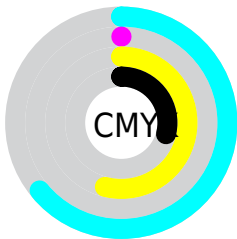
Distribution



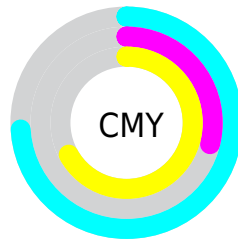
- Red (26%)
- Green (71%)
- Blue (33%)



- Red (26%)
- Yellow (65%)
- Blue (71%)



- Cyan (64%)
- Magenta (0%)
- Yellow (54%)
- Black (29%)



- Cyan (74%)
- Magenta (29%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42B653 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 42B653 by changing the saturation by 10% instead.

 42B653

 42B653

FFFFFF

 1C9B3A

 7EEF87

 008021

 9BFFA2

 006602

 B8FFBD

 004D00

 D6FFD9

 003500

 F4FFF6

 001D00

 000000

 42B653

 42B653

 30B643

 54B663

 1EB634

 66B672

 0BB624

 79B682

 00B61B

 8BB691

 9DB6A1

 AFB6B0

 C1B6C0

 D4B6CF

 E6B6DF

Harmonies

Analogous

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



92AB21



42B653



00BC8F

Triad

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



42B653



00ACFF



FF6A76

Complementary

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



42B653



B642A5

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.



FF67B2



42B653



8497FF

Square

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



42B653



00B8FF



DA7CEA



F58041

Rectangle

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



42B653



00BDB9



DA7CEA



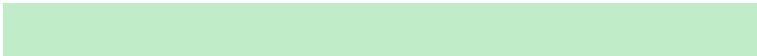
FF6689

Sweetspot

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



42B653



C0EDC7



A7B642



5C7860



F7F7F7



787878

Same Dimension

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



42B653



39ED53



42B68B



535C54



009C17



001C04

Inverse Universe

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



B642A5



ED39D3



B6426D



5C535A



9C0085



1C0018

Previews

White Background



This preview shows how the Hex color 42B653 looks on a white background.

Color Contrast Check

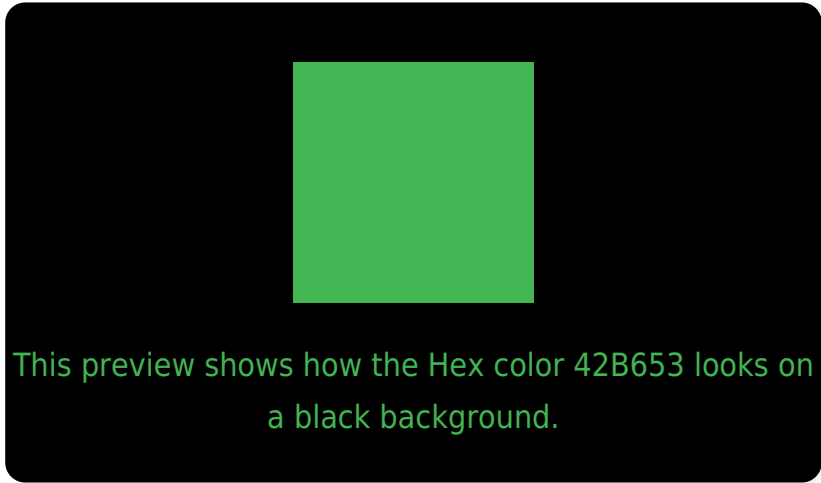
Large Text (above 18pt) WCAG AA × Fail

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

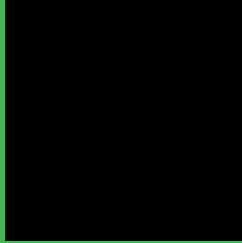
Any Text WCAG AA ✓ Pass

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 42B653 Background



This preview shows how black text looks on a background with the Hex color 42B653.



This preview shows how white text looks on a background with the Hex color 42B653.

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
5EABB9

Trichromacy



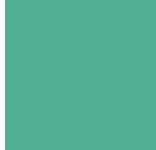
Original Color
42B653



Protanomaly
88A74F



Deuteranomaly
93A358



Tritanomaly
54AF94

Monochromacy



Original Color
42B653



Achromatopsia
888888



Achromatomaly
6F9975

CSS Examples

Text

The CSS property to change the color of the text to Hex 42B653 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 #42B653 looks like.

```
.text, #text, p{  
    color:#42B653  
}
```

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 #42B653 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42B653
}
```

Border

The CSS property to change the border of an element to Hex 42B653 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
#42B653 }
```

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

```
.border{ border-color:#42B653 }
```

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

Here you see how a box with a 4 pixel #42B653 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42B653; -webkit-box-shadow:4px 4px  
4px 4px #42B653; box-shadow:4px 4px 4px  
4px #42B653 }
```

Background

The CSS property to change the background color of an element to Hex 42B653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42B653 }
```

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

```
.background{ background-color:#42B653 }
```

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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