

Converting Colors

Hex(42A658)

Have a look what the booklet for
Hex(42A658) contains.

Hex(42A658)	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(42A658)

Conversions

Conversions Part 1

Format	Color
Hex	42A658
RGB	66, 166, 88
RGB Percent	26%, 65%, 35%
CMY	0.7412, 0.3490, 0.6549
CMYK	0.60, 0.00, 0.47, 0.35
HSL	133°, 43%, 45%
HSV	133°, 60%, 65%
XYZ	17.6444, 29.1353, 13.9262
YIQ	127.2080, -34.5620, -45.4580

Conversions

Conversions Part 2

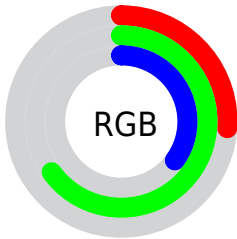
Format	Color
RYB	66, 148, 166
Decimal	4367960
CIELab	60.90, -46.24, 31.82
CIELCh	61, 56.131, 145.467
Yxy	29.1353, 0.2907, 0.4799
Android (android.graphics.Color)	4282558040 (0xFF42A658)
YUV	127.2080, -19.3295, -53.6794
Hunter-Lab	53.9771, -36.1105, 22.4870

Details

The Hex color **42A658** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A64290**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **7BDE8B**, and **007128** is the 20% darker color. If you saturate the color by 10%, you get **31A64B**, and if you desaturate by 10%, it is **53A665**.

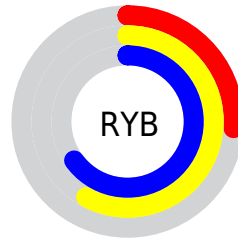
Distribution



Red (26%)

Green (65%)

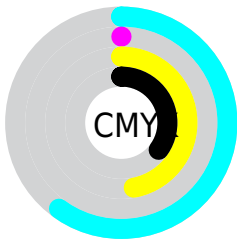
Blue (35%)



Red (26%)

Yellow (58%)

Blue (65%)

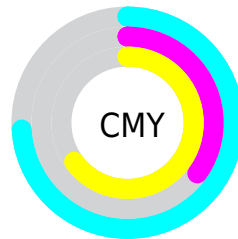


Cyan (60%)

Magenta (0%)

Yellow (47%)

Black (35%)



Cyan (74%)

Magenta (35%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42A658 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 42A658 by changing the saturation by 10% instead.



42A658



42A658

FFFFFF



218B40



7BDE8B



007128



97FBA6



005810



B4FFC1



003F00



D1FFDD



002A00



EEFFFA



000600



000000



42A658



42A658



31A64B



53A665

 21A63E

 63A672

 10A631

 74A67F

 00A625

 84A68C

 95A699

 A6A6A6

 B6A6B3

 C7A6C0

 D7A6CD

Harmonies

Analogous

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



849D32



42A658



00AA8A

Triad

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



42A658



009BF6



EC696B

Complementary

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



42A658



A64290

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.



E8669D



42A658



8789ED

Square

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



42A658



00A6E4



C874CC



D87B41

Rectangle

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



42A658



00ABAC



C874CC



EE667B

Sweetspot

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



42A658



B2D9BA



90A642



566E5B



EDEDED



6E6E6E

Same Dimension

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



42A658



3DD95F



42A68A



4C544E



009421



001404

Inverse Universe

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



A64290



D93DB6



A6425E



544C52



940073



140010

Previews

White Background



This preview shows how the Hex color 42A658 looks on a white background.

Color Contrast Check

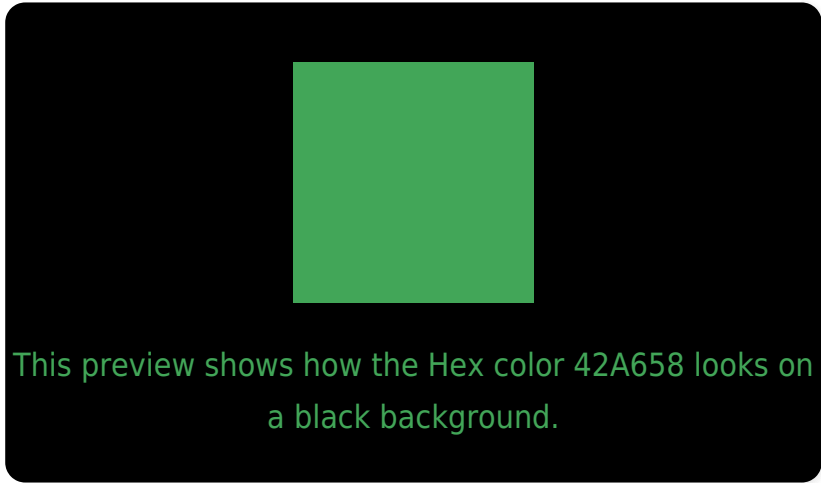
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 42A658 Background



This preview shows how black text looks on a background with the Hex color 42A658.



This preview shows how white text looks on a background with the Hex color 42A658.

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](#).

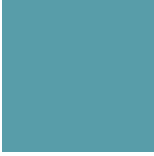
Dichromacy



Original Color
42A658

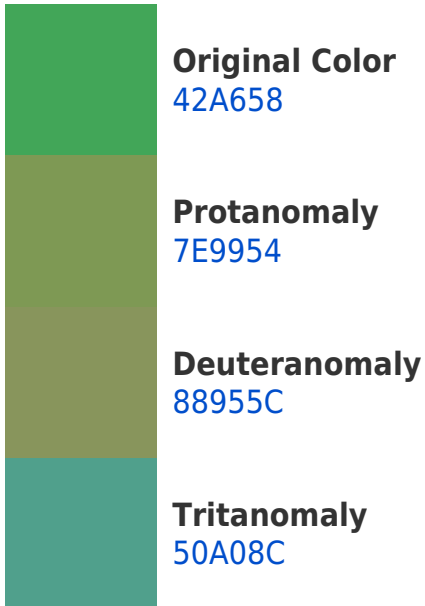
Protanopia
A09251

Deuteranopia
B08B5E



Tritanopia
589DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42A658 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 #42A658 looks like.

```
.text, #text, p{  
    color:#42A658  
}
```

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 #42A658 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42A658  
}
```

Border

The CSS property to change the border of an element to Hex 42A658 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  
#42A658 }
```

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

```
.border{ border-color:#42A658 }
```

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

Here you see how a box with a 4 pixel #42A658 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42A658; -webkit-box-shadow:4px 4px  
4px 4px #42A658; box-shadow:4px 4px 4px  
4px #42A658 }
```

Background

The CSS property to change the background color of an element to Hex 42A658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42A658 }
```

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

```
.background{ background-color:#42A658 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor