

Converting Colors

Hex(42A64A)

Have a look what the booklet for
Hex(42A64A) contains.

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Color

Hex(42A64A)

Conversions

Conversions Part 1

Format	Color
Hex	42A64A
RGB	66, 166, 74
RGB Percent	26%, 65%, 29%
CMY	0.7412, 0.3490, 0.7098
CMYK	0.60, 0.00, 0.55, 0.35
HSL	125°, 43%, 45%
HSV	125°, 60%, 65%
XYZ	17.1190, 28.9251, 11.1594
YIQ	125.6120, -30.0680, -49.8120

Conversions

Conversions Part 2

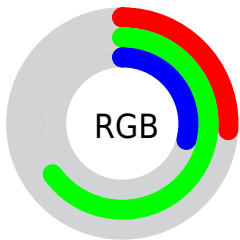
Format	Color
R _Y B	66, 159, 166
Decimal	4367946
CIE Lab	60.72, -48.30, 38.67
CIE LCh	61, 61.875, 141.318
Yxy	28.9251, 0.2993, 0.5057
Android (android.graphics.Color)	4282558026 (0xFF42A64A)
YUV	125.6120, -25.4447, -52.2797
Hunter-Lab	53.7821, -37.3014, 25.3452

Details

The Hex color **42A64A** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A6429E**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **7CDE7D**, and **007118** is the 20% darker color. If you saturate the color by 10%, you get **31A63B**, and if you desaturate by 10%, it is **53A659**.

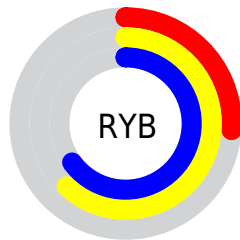
Distribution



Red (26%)

Green (65%)

Blue (29%)



Red (26%)

Yellow (62%)

Blue (65%)

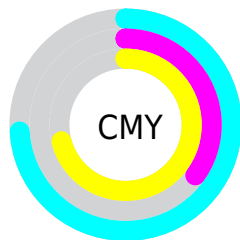


Cyan (60%)

Magenta (0%)

Yellow (55%)

Black (35%)



Cyan (74%)

Magenta (35%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42A64A 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 42A64A by changing the saturation by 10% instead.



42A64A



42A64A

FFFFFF



218B31



7CDE7D



007118



98FB98



005800



B5FFB3



003F00



D2FFCF



002A00



EFFFEB



000500



000000



42A64A



42A64A



31A63B



53A659

 21A62B

 63A669

 10A61C

 74A678

 00A60D

 84A687

 95A696

 A6A6A6

 B6A6B5

 C7A6C4

 D7A6D3

Harmonies

Analogous

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



899B1E



42A64A



00AB80

Triad

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



42A64A



009DFF



F4616E

Complementary

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



42A64A



A6429E

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.



ED5FA5



42A64A



748BF9

Square

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



42A64A



00A8E7



C572D7



E1743E

Rectangle

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



42A64A



00ACA6



C572D7



F55E80

Sweetspot

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



42A64A



B2D9B5



9FA642



566E57



EDEDED



6E6E6E

Same Dimension

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



42A64A



3DD949



42A67B



4C544C



00940C



001402

Inverse Universe

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



A6429E



D93DCC



A6426D



544C53



940088



140013

Previews

White Background



This preview shows how the Hex color 42A64A looks on a white background.

Color Contrast Check

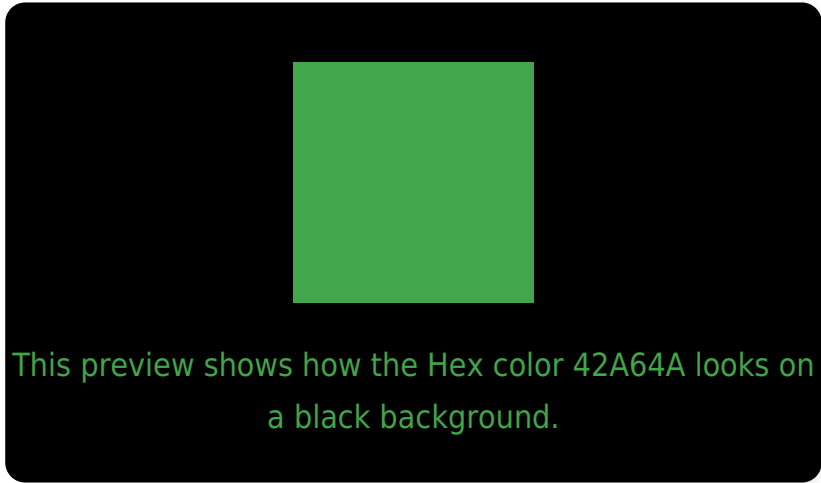
Large Text (above 18pt) WCAG AA ✓ Pass

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

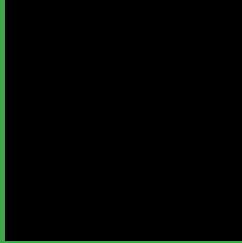
Any Text WCAG AA ✓ Pass

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 42A64A Background



This preview shows how black text looks on a background with the Hex color 42A64A.



This preview shows how white text looks on a background with the Hex color 42A64A.

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](#).

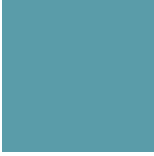
Dichromacy



Original Color
42A64A

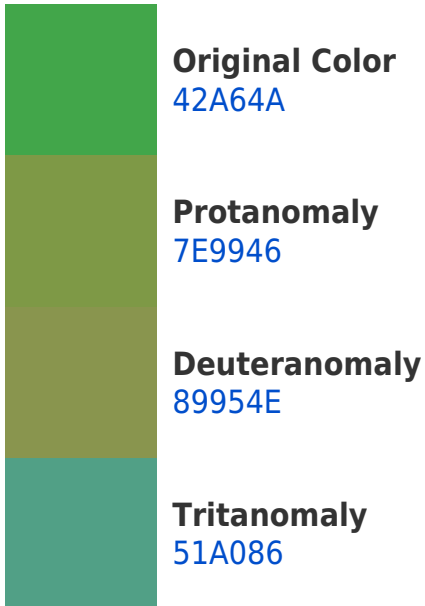
Protanopia
A19243

Deuteranopia
B18B51



Tritanopia
5A9CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42A64A 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 #42A64A looks like.

```
.text, #text, p{  
    color:#42A64A  
}
```

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 #42A64A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42A64A
}
```

Border

The CSS property to change the border of an element to Hex 42A64A 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
#42A64A }
```

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

```
.border{ border-color:#42A64A }
```

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

Here you see how a box with a 4 pixel #42A64A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42A64A; -webkit-box-shadow:4px 4px  
4px 4px #42A64A; box-shadow:4px 4px 4px  
4px #42A64A }
```

Background

The CSS property to change the background color of an element to Hex 42A64A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42A64A }
```

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

```
.background{ background-color:#42A64A }
```

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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