

Converting Colors

Hex(42992B)

Have a look what the booklet for
Hex(42992B) contains.

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Color

Hex(42992B)

Conversions

Conversions Part 1

Format	Color
Hex	42992B
RGB	66, 153, 43
RGB Percent	26%, 60%, 17%
CMY	0.7412, 0.4000, 0.8314
CMYK	0.57, 0.00, 0.72, 0.40
HSL	107°, 56%, 38%
HSV	107°, 72%, 60%
XYZ	14.0740, 24.1151, 6.1984
YIQ	114.4470, -16.5420, -52.6540

Conversions

Conversions Part 2

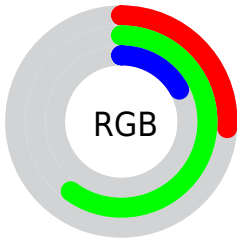
Format	Color
R_{YB}	43, 153, 130
Decimal	4364587
CIE _{Lab}	56.20, -46.70, 47.55
CIE _{LCh}	56, 66.645, 134.481
Yxy	24.1151, 0.3171, 0.5433
Android (android.graphics.Color)	4282554667 (0xFF42992B)
YUV	114.4470, -35.2234, -42.4880
Hunter-Lab	49.1072, -34.7797, 26.8913

Details

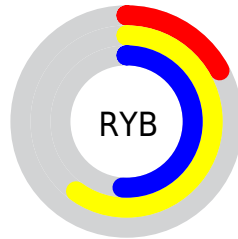
The Hex color **42992B** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **822B99**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **7BD05F**, and **006500** is the 20% darker color. If you saturate the color by 10%, you get **36991C**, and if you desaturate by 10%, it is **4E993A**.

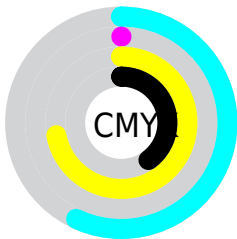
Distribution



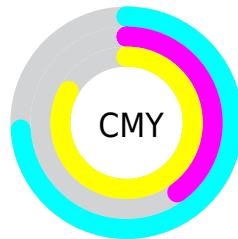
- Red (26%)
- Green (60%)
- Blue (17%)



- Red (17%)
- Yellow (60%)
- Blue (51%)



- Cyan (57%)
- Magenta (0%)
- Yellow (72%)
- Black (40%)



- Cyan (74%)
- Magenta (40%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42992B 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 42992B by changing the saturation by 10% instead.

 42992B

 42992B

FFFFFF

 227F0C


 7BD05F

 006500

 97ED79

 004C00

 B3FF94

 003400

 D0FFB0

 001E00

 EEFFCC

 000000

 FFFFE9

 42992B

 42992B

 36991C

 4E993A

 2A990C

 5A994A

 209900

 669959

 729968

 7F9978

 8B9987

 979996

 A399A5

 AF99B5

Harmonies

Analogous

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



888D00



42992B



009F66

Triad

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



42992B



0096F7



EE4A6D

Complementary

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



42992B



822B99

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.



DF4FA7



42992B



3884F8

Square

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



42992B



009FD7



AC6ADA



DF5F37

Rectangle

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



42992B



00A18E



AC6ADA



EC4881

Sweetspot

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



42992B



A4C79B



99812B



4F634A



E3E3E3



636363

Same Dimension

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



42992B



40C71C



2B994A



464D45



1D8C00



030D00

Inverse Universe

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



822B99



A31CC7



992B7A



4B454D



6F008C



0A000D

Previews

White Background



This preview shows how the Hex color 42992B looks on a white background.

Color Contrast Check

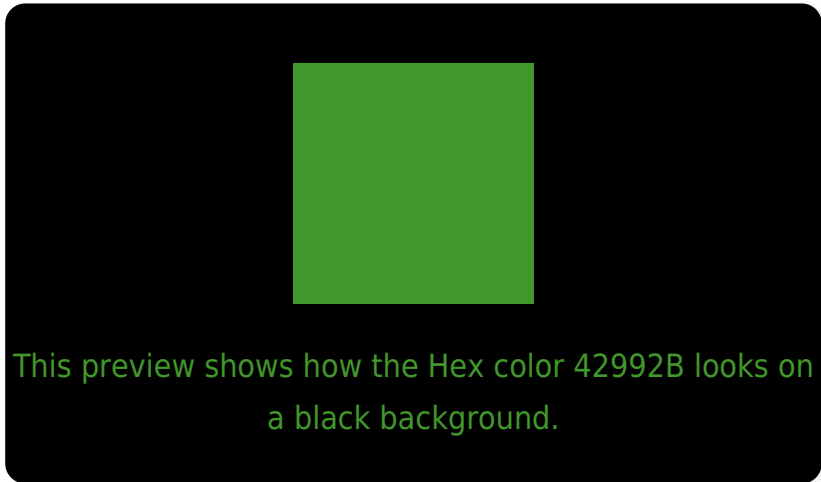
Large Text (above 18pt) WCAG AA ✓ Pass

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 42992B Background



This preview shows how black text looks on a background with the Hex color 42992B.



This preview shows how white text looks on a background with the Hex color 42992B.

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
42992B

Protanopia
968626

Deuteranopia
A77F35

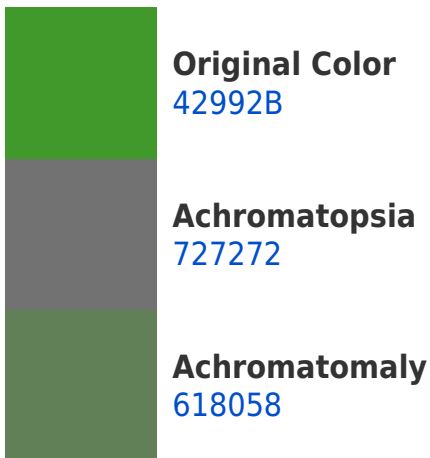


Tritanopia
588F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42992B 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 #42992B looks like.

```
.text, #text, p{  
    color:#42992B  
}
```

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 #42992B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42992B
}
```

Border

The CSS property to change the border of an element to Hex 42992B 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
#42992B }
```

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

```
.border{ border-color:#42992B }
```

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

Here you see how a box with a 4 pixel #42992B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42992B; -webkit-box-shadow:4px 4px  
4px 4px #42992B; box-shadow:4px 4px 4px  
4px #42992B }
```

Background

The CSS property to change the background color of an element to Hex 42992B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42992B }
```

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

```
.background{ background-color:#42992B }
```

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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