

Converting Colors

Hex(62943B)

Have a look what the booklet for
Hex(62943B) contains.

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Color

Hex(62943B)

Conversions

Conversions Part 1

Format	Color
Hex	62943B
RGB	98, 148, 59
RGB Percent	38%, 58%, 23%
CMY	0.6157, 0.4196, 0.7686
CMYK	0.34, 0.00, 0.60, 0.42
HSL	94°, 43%, 41%
HSV	94°, 60%, 58%
XYZ	16.4163, 24.0922, 7.9227
YIQ	122.9040, -1.2310, -38.2790

Conversions

Conversions Part 2

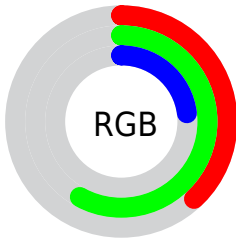
Format	Color
RYB	59, 148, 109
Decimal	6460475
CIELab	56.18, -32.67, 40.95
CIELCh	56, 52.387, 128.581
Yxy	24.0922, 0.3390, 0.4975
Android (android.graphics.Color)	4284650555 (0xFF62943B)
YUV	122.9040, -31.5047, -21.8408
Hunter-Lab	49.0839, -26.1966, 24.7886

Details

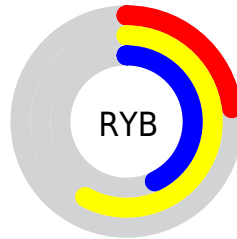
The Hex color **62943B** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6D3B94**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **98CA6D**, and **2E6105** is the 20% darker color. If you saturate the color by 10%, you get **5A942C**, and if you desaturate by 10%, it is **6A944A**.

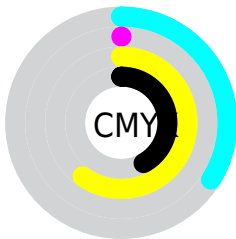
Distribution



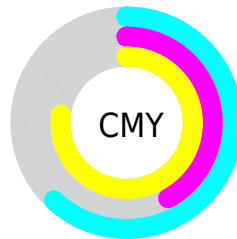
- Red (38%)
- Green (58%)
- Blue (23%)



- Red (23%)
- Yellow (58%)
- Blue (43%)



- Cyan (34%)
- Magenta (0%)
- Yellow (60%)
- Black (42%)



- Cyan (62%)
- Magenta (42%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62943B 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 62943B by changing the saturation by 10% instead.



62943B



62943B

FFFFFF



487A22



98CA6D



2E6105



B3E788



134900



D0FFA3



003100



ECFFBE



001E00



FFFFDA



000000



FFFFF7



62943B



62943B



5A942C



6A944A

■ 51941D

■ 739459

■ 49940F

■ 7B9467

■ 419400

■ 839476

■ 8C9485

■ 949494

■ 9C94A3

■ A594B1

■ AD94C0

Harmonies

Analogous

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



938924



62943B



009B64

Triad

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



62943B



0094DB



DA5D7B

Complementary

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



62943B



6D3B94

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.



C863A9



62943B



4487E1

Square

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



62943B



009BBE



9A75CE



D36750

Rectangle

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



62943B



009D83



9A75CE



D75D8B

Sweetspot

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



62943B



ACBF9D



946C3B



55614C



E0E0E0



616161

Same Dimension

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



62943B



72BF36



3B943F



464A43



3C8A00



040A00

Inverse Universe

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



6D3B94



8336BF



943B90



47434A



4D008A



06000A

Previews

White Background



This preview shows how the Hex color 62943B looks on a white background.

Color Contrast Check

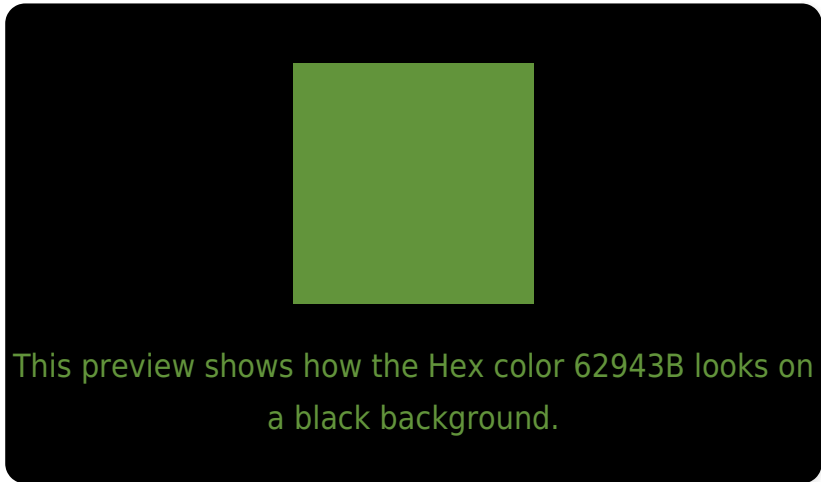
Large Text (above 18pt) WCAG AA ✓ Pass

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 62943B Background



This preview shows how black text looks on a background with the Hex color 62943B.



This preview shows how white text looks on a background with the Hex color 62943B.

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
62943B

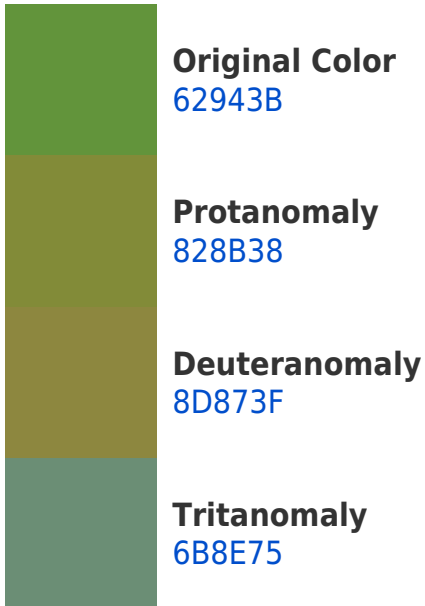
Protanopia
958637

Deuteranopia
A58041

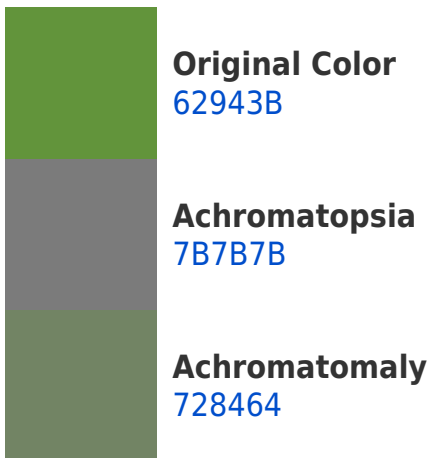


Tritanopia
708B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 62943B 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 #62943B looks like.

```
.text, #text, p{  
    color:#62943B  
}
```

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 #62943B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62943B
}
```

Border

The CSS property to change the border of an element to Hex 62943B 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
#62943B }
```

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

```
.border{ border-color:#62943B }
```

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

Here you see how a box with a 4 pixel #62943B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62943B; -webkit-box-shadow:4px 4px  
4px 4px #62943B; box-shadow:4px 4px 4px  
4px #62943B }
```

Background

The CSS property to change the background color of an element to Hex 62943B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62943B }
```

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

```
.background{ background-color:#62943B }
```

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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