

Converting Colors

Hex(62943E)

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

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Color

Hex(62943E)

Conversions

Conversions Part 1

Format	Color
Hex	62943E
RGB	98, 148, 62
RGB Percent	38%, 58%, 24%
CMY	0.6157, 0.4196, 0.7569
CMYK	0.34, 0.00, 0.58, 0.42
HSL	95°, 41%, 41%
HSV	95°, 58%, 58%
XYZ	16.4964, 24.1243, 8.3444
YIQ	123.2460, -2.1940, -37.3460

Conversions

Conversions Part 2

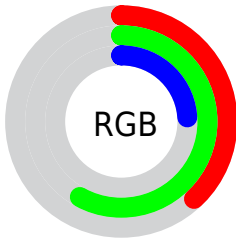
Format	Color
R_{YB}	62, 148, 112
Decimal	6460478
CIE _{Lab}	56.21, -32.36, 39.55
CIE _{LCh}	56, 51.099, 129.285
Yxy	24.1243, 0.3369, 0.4927
Android (android.graphics.Color)	4284650558 (0xFF62943E)
YUV	123.2460, -30.1943, -22.1407
Hunter-Lab	49.1165, -26.0023, 24.3087

Details

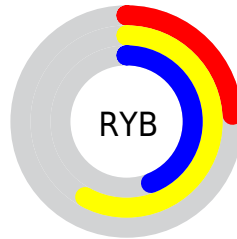
The Hex color **62943E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **703E94**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **97CA70**, and **2E610A** is the 20% darker color. If you saturate the color by 10%, you get **59942F**, and if you desaturate by 10%, it is **6B944D**.

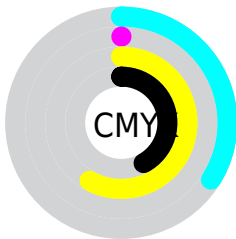
Distribution



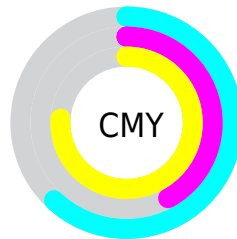
- Red (38%)
- Green (58%)
- Blue (24%)



- Red (24%)
- Yellow (58%)
- Blue (44%)



- Cyan (34%)
- Magenta (0%)
- Yellow (58%)
- Black (42%)



- Cyan (62%)
- Magenta (42%)
- Yellow (76%)

Brightness & Saturation Gradients

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



62943E



62943E

FFFFFF



487A25



97CA70



2E610A



B3E78B



134900



CFFFA6



003100



ECFFC1



001E00



FFFFDD



000000



FFFFFA



62943E



62943E



59942F



6B944D

■ 519420

■ 73945C

■ 489412

■ 7C946A

■ 409403

■ 849479

■ 3E9400

■ 8D9488

■ 969497

■ 9E94A6

■ A794B4

■ AF94C3

Harmonies

Analogous

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



928928



62943E



009A66

Triad

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



62943E



0094D9



D85E7B

Complementary

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



62943E



703E94

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.



C764A7



62943E



4B87DF

Square

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



62943E



009BBE



9B75CC



D16851

Rectangle

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



62943E



009C84



9B75CC



D55E8A

Sweetspot

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



62943E



ACBF9F



946F3E



56614E



E0E0E0



616161

Same Dimension

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



62943E



71BF39



3E9444



464A43



3A8A00



040A00

Inverse Universe

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



703E94



8739BF



943E8E



47434A



50008A



06000A

Previews

White Background



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

Color Contrast Check

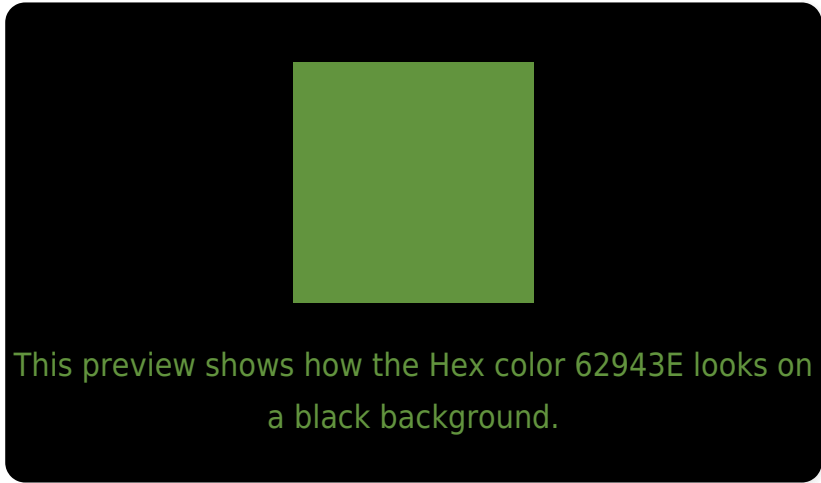
Large Text (above 18pt) WCAG AA ✓ Pass

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

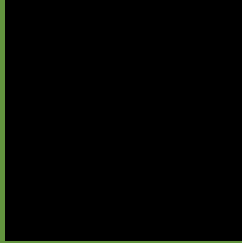
Any Text WCAG AA ✓ Pass

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 62943E Background



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



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

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
62943E

Protanopia
95863A

Deuteranopia
A58044



Tritanopia
6F8B96

Trichromacy



Original Color
62943E

Protanomaly
828B3B

Deuteranomaly
8D8742

Tritanomaly
6A8E76

Monochromacy



Original Color
62943E

Achromatopsia
7B7B7B

Achromatomaly
728465

CSS Examples

Text

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

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

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 #62943E colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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