

Converting Colors

Hex(64943A)

Have a look what the booklet for
Hex(64943A) contains.

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Color

Hex(64943A)

Conversions

Conversions Part 1

Format	Color
Hex	64943A
RGB	100, 148, 58
RGB Percent	39%, 58%, 23%
CMY	0.6078, 0.4196, 0.7725
CMYK	0.32, 0.00, 0.61, 0.42
HSL	92°, 44%, 40%
HSV	92°, 61%, 58%
XYZ	16.6092, 24.1946, 7.7976
YIQ	123.3880, 0.2820, -38.1660

Conversions

Conversions Part 2

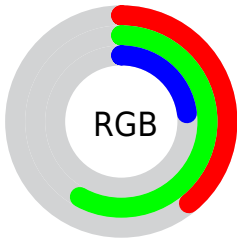
Format	Color
RYB	58, 148, 106
Decimal	6591546
CIELab	56.28, -32.02, 41.57
CIElCh	56, 52.474, 127.609
Yxy	24.1946, 0.3417, 0.4978
Android (android.graphics.Color)	4284781626 (0xFF64943A)
YUV	123.3880, -32.2363, -20.5113
Hunter-Lab	49.1880, -25.8056, 25.0326

Details

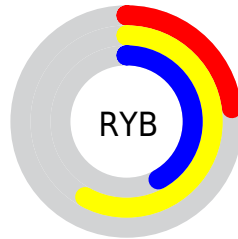
The Hex color **64943A** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6A3A94**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **9ACA6D**, and **306103** is the 20% darker color. If you saturate the color by 10%, you get **5C942B**, and if you desaturate by 10%, it is **6C9449**.

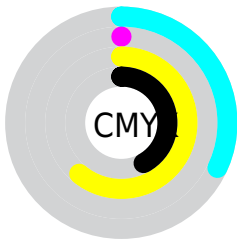
Distribution



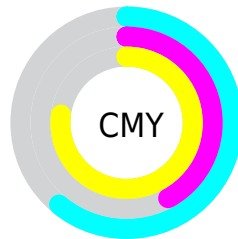
- Red (39%)
- Green (58%)
- Blue (23%)



- Red (23%)
- Yellow (58%)
- Blue (42%)



- Cyan (32%)
- Magenta (0%)
- Yellow (61%)
- Black (42%)



- Cyan (61%)
- Magenta (42%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64943A 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 64943A by changing the saturation by 10% instead.



64943A



64943A

FFFFFF



4A7A21



9ACA6D



306103



B5E787



164900



D2FFA2



003200



EFFFB0



001E00



FFFFD9



000000



FFFFF6



64943A



64943A



5C942B



6C9449

■ 54941C

■ 749458

■ 4C940E

■ 7C9466

■ 459400

■ 849475

■ 8B9484

■ 939493

■ 9B94A2

■ A394B0

■ AB94BF

Harmonies

Analogous

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



958824



64943A



009B62

Triad

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



64943A



0095DB



DA5D7D

Complementary

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



64943A



6A3A94

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.



C764AB



64943A



3F88E2

Square

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



64943A



009CBE



9876D0



D46652

Rectangle

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



64943A



009D82



9876D0



D75D8D

Sweetspot

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



64943A



ADBF9D



946A3A



56614C



E0E0E0



616161

Same Dimension

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



64943A



75BF34



3A943D



464A43



408A00



050A00

Inverse Universe

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



6A3A94



7E34BF



943A91



46434A



49008A



05000A

Previews

White Background



This preview shows how the Hex color 64943A looks on a white background.

Color Contrast Check

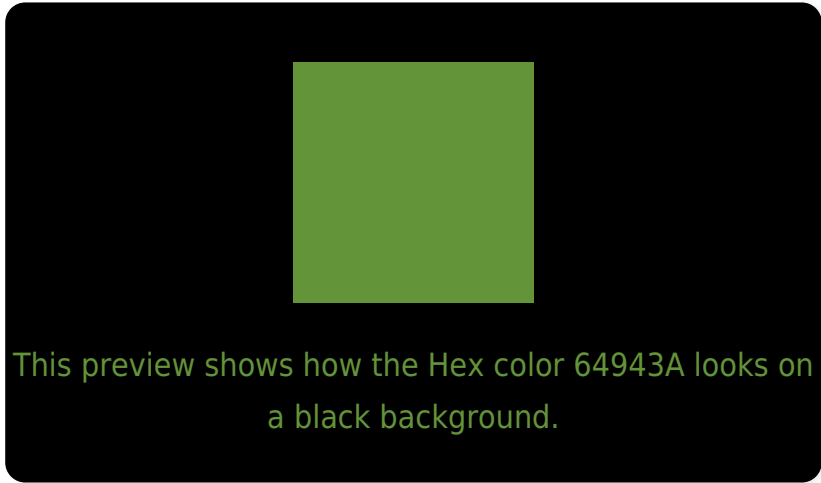
Large Text (above 18pt) WCAG AA ✓ Pass

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

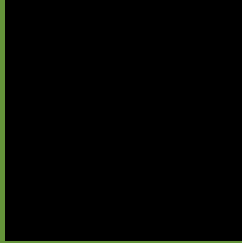
Any Text WCAG AA ✓ Pass

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 64943A Background



This preview shows how black text looks on a background with the Hex color 64943A.



This preview shows how white text looks on a background with the Hex color 64943A.

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
64943A

Protanopia
968736

Deuteranopia
A68040



Tritanopia
718B96

Trichromacy



Original Color
64943A

Protanomaly
848C37

Deuteranomaly
8E873E

Tritanomaly
6C8E75

Monochromacy



Original Color
64943A

Achromatopsia
7B7B7B

Achromatomaly
738463

CSS Examples

Text

The CSS property to change the color of the text to Hex 64943A 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 #64943A looks like.

```
.text, #text, p{  
    color:#64943A  
}
```

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 #64943A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64943A
}
```

Border

The CSS property to change the border of an element to Hex 64943A 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
#64943A }
```

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

```
.border{ border-color:#64943A }
```

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

Here you see how a box with a 4 pixel #64943A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64943A; -webkit-box-shadow:4px 4px  
4px 4px #64943A; box-shadow:4px 4px 4px  
4px #64943A }
```

Background

The CSS property to change the background color of an element to Hex 64943A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64943A }
```

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

```
.background{ background-color:#64943A }
```

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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