

Converting Colors

Hex(64934C)

Have a look what the booklet for
Hex(64934C) contains.

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Color

Hex(64934C)

Conversions

Conversions Part 1

Format	Color
Hex	64934C
RGB	100, 147, 76
RGB Percent	39%, 58%, 30%
CMY	0.6078, 0.4235, 0.7020
CMYK	0.32, 0.00, 0.48, 0.42
HSL	100°, 32%, 44%
HSV	100°, 48%, 58%
XYZ	16.9938, 24.0986, 10.5933
YIQ	124.8530, -5.2210, -32.0450

Conversions

Conversions Part 2

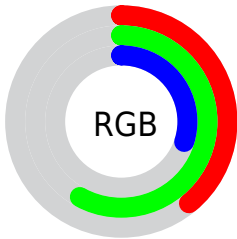
Format	Color
RYB	76, 147, 123
Decimal	6591308
CIELab	56.19, -29.47, 32.47
CIELCh	56, 43.852, 132.224
Yxy	24.0986, 0.3288, 0.4663
Android (android.graphics.Color)	4284781388 (0xFF64934C)
YUV	124.8530, -24.0845, -21.7961
Hunter-Lab	49.0903, -24.1160, 21.5689

Details

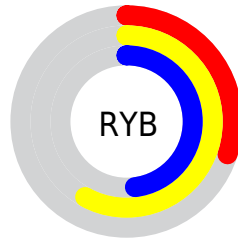
The Hex color **64934C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7B4C93**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **99C97E**, and **31601C** is the 20% darker color. If you saturate the color by 10%, you get **5A933D**, and if you desaturate by 10%, it is **6E935B**.

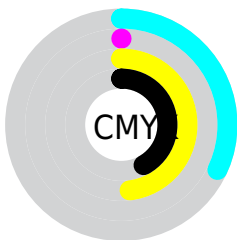
Distribution



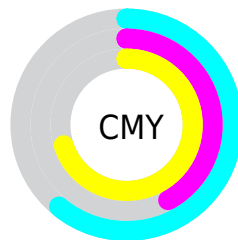
- Red (39%)
- Green (58%)
- Blue (30%)



- Red (30%)
- Yellow (58%)
- Blue (48%)



- Cyan (32%)
- Magenta (0%)
- Yellow (48%)
- Black (42%)



- Cyan (61%)
- Magenta (42%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64934C 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 64934C by changing the saturation by 10% instead.

 64934C

 64934C

FFFFFF

 4B7934

 99C97E

 31601C

 B4E699

 174803

 D0FFB4

 003100

 EDFFD0

 001E00

 FFFFEC

 000000

 64934C

 64934C

 5A933D

 6E935B

 51932F

 779369

 479320

 819378

 3D9311

 8B9387

 339303

 959396

 329300

 9E93A4

 A893B3

 B293C2

 BC93D0

Harmonies

Analogous

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



8E8A39



64934C



25986E

Triad

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



64934C



0091CF



CE6678

Complementary

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



64934C



7B4C93

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.



C16A9F



64934C



6285D1

Square

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



64934C



0098B9



9E76BF



C76F55

Rectangle

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



64934C



009A88



9E76BF



CC6685

Sweetspot

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



64934C



AEBFA4



937A4C



566150



E0E0E0



616161

Same Dimension

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



64934C



76BF50



4C9357



454A43



2F8A00



030A00

Inverse Universe

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



7B4C93



9A50BF



934C88



47434A



5B008A



07000A

Previews

White Background



This preview shows how the Hex color 64934C looks on a white background.

Color Contrast Check

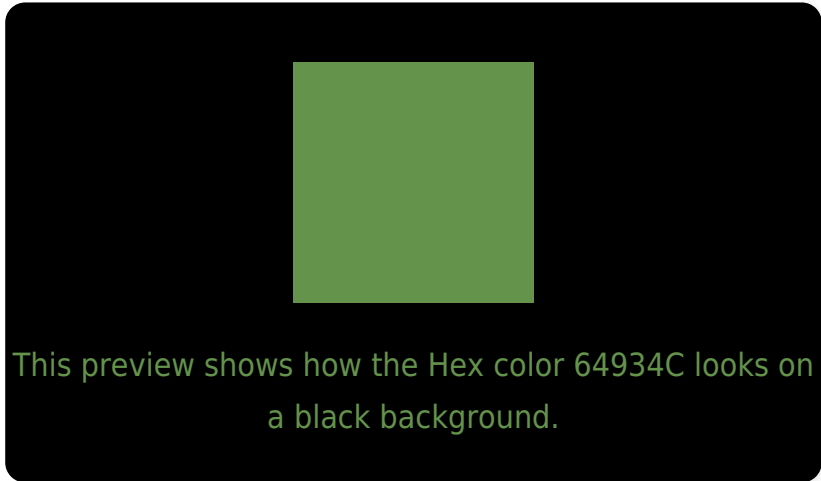
Large Text (above 18pt) WCAG AA ✓ Pass

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

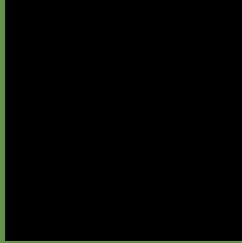
Any Text WCAG AA ✓ Pass

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 64934C Background



This preview shows how black text looks on a background with the Hex color 64934C.



This preview shows how white text looks on a background with the Hex color 64934C.

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





Tritanopia
708B96

Trichromacy



Original Color
64934C

Protanomaly
838B49

Deuteranomaly
8C874F

Tritanomaly
6C8E7B

Monochromacy



Original Color
64934C

Achromatopsia
7D7D7D

Achromatomaly
74856B

CSS Examples

Text

The CSS property to change the color of the text to Hex 64934C 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 #64934C looks like.

```
.text, #text, p{  
    color:#64934C  
}
```

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 #64934C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64934C
}
```

Border

The CSS property to change the border of an element to Hex 64934C 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
#64934C }
```

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

```
.border{ border-color:#64934C }
```

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

Here you see how a box with a 4 pixel #64934C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64934C; -webkit-box-shadow:4px 4px  
4px 4px #64934C; box-shadow:4px 4px 4px  
4px #64934C }
```

Background

The CSS property to change the background color of an element to Hex 64934C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64934C }
```

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

```
.background{ background-color:#64934C }
```

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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