

Converting Colors

Hex(8D9640)

Have a look what the booklet for
Hex(8D9640) contains.

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Color

Hex(8D9640)

Conversions

Conversions Part 1

Format	Color
Hex	8D9640
RGB	141, 150, 64
RGB Percent	55%, 59%, 25%
CMY	0.4471, 0.4118, 0.7490
CMYK	0.06, 0.00, 0.57, 0.41
HSL	66°, 40%, 42%
HSV	66°, 57%, 59%
XYZ	22.8163, 27.8456, 9.0227
YIQ	137.5050, 22.2420, -28.6540

Conversions

Conversions Part 2

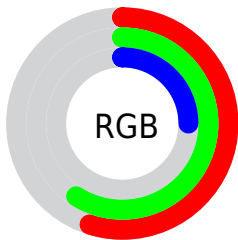
Format	Color
RYB	64, 150, 73
Decimal	9279040
CIELab	59.75, -15.76, 43.41
CIELCh	60, 46.179, 109.953
Yxy	27.8456, 0.3823, 0.4665
Android (android.graphics.Color)	4287469120 (0xFF8D9640)
YUV	137.5050, -36.2380, 3.0651
Hunter-Lab	52.7689, -15.1656, 26.8006

Details

The Hex color **8D9640** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **494096**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **C4CC73**, and **58630B** is the 20% darker color. If you saturate the color by 10%, you get **8B9631**, and if you desaturate by 10%, it is **8F964F**.

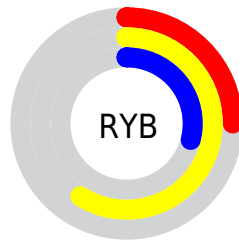
Distribution



Red (55%)

Green (59%)

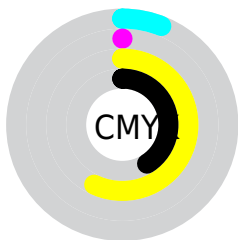
Blue (25%)



Red (25%)

Yellow (59%)

Blue (29%)

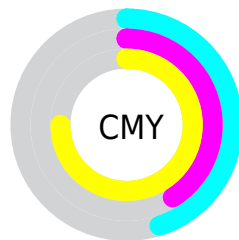


Cyan (6%)

Magenta (0%)

Yellow (57%)

Black (41%)



Cyan (45%)

Magenta (41%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8D9640 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 8D9640 by changing the saturation by 10% instead.



8D9640



8D9640

FFFFFF



727C27



C4CC73



58630B



E1E88D



3F4B00



FEFFA8



273500



FFFFC4



0D2000



FFFEE0



000000

FFFFFD



8D9640



8D9640



8B9631



8F964F

■ 8A9622

■ 90965E

■ 889613

■ 92966D

■ 879604

■ 93967C

■ 869600

■ 95968B

■ 96969A

■ 9896A9

■ 9A96B8

■ 9B96C7

Harmonies

Analogous

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



B3893E



8D9640



5D9F5A

Triad

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



8D9640



00A1CD



D46F9F

Complementary

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



8D9640



494096

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.



B57BC5



8D9640



0098E0

Square

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



8D9640



00A4AA



7C8BDC



DC6F76

Rectangle

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



8D9640



2FA273



7C8BDC



CC72AD

Sweetspot

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



8D9640



BEC2A1



964940



5F614E



E0E0E0



616161

Same Dimension

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



8D9640



B4C23C



629640



494A43



7B8A00



090A00

Inverse Universe

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



494096



4A3CC2



744096



43434A



0E008A



01000A

Previews

White Background



This preview shows how the Hex color 8D9640 looks on a white background.

Color Contrast Check

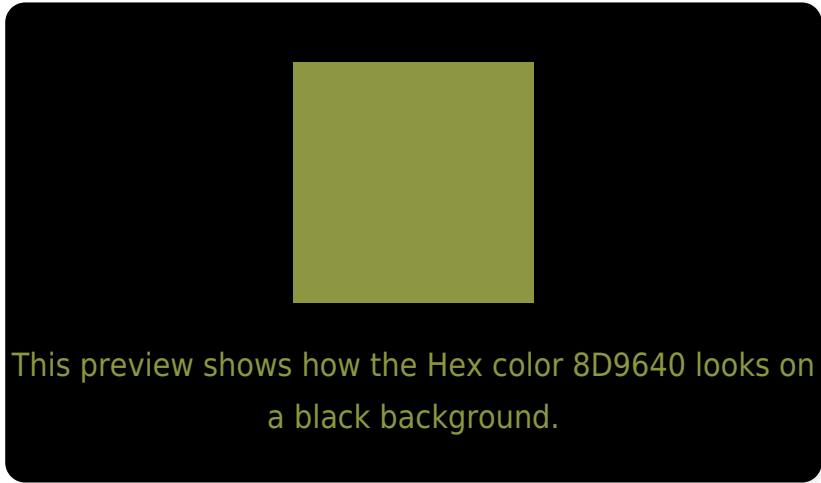
Large Text (above 18pt) WCAG AA ✓ Pass

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

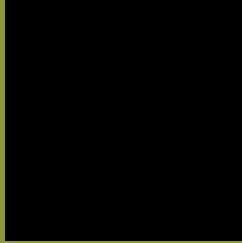
Any Text WCAG AA ✓ Pass

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 8D9640 Background



This preview shows how black text looks on a background with the Hex color 8D9640.



This preview shows how white text looks on a background with the Hex color 8D9640.

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
968D98

Trichromacy



Original Color
8D9640

Protanomaly
99923F

Deuteranomaly
A58E43

Tritanomaly
939078

Monochromacy



Original Color
8D9640

Achromatopsia
8A8A8A

Achromatomaly
8B8E6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 8D9640 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 #8D9640 looks like.

```
.text, #text, p{  
    color:#8D9640  
}
```

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 #8D9640 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D9640
}
```

Border

The CSS property to change the border of an element to Hex 8D9640 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
#8D9640 }
```

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

```
.border{ border-color:#8D9640 }
```

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

Here you see how a box with a 4 pixel #8D9640 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D9640; -webkit-box-shadow:4px 4px  
4px 4px #8D9640; box-shadow:4px 4px 4px  
4px #8D9640 }
```

Background

The CSS property to change the background color of an element to Hex 8D9640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D9640 }
```

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

```
.background{ background-color:#8D9640 }
```

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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