

Converting Colors

Hex(6A7F40)

Have a look what the booklet for
Hex(6A7F40) contains.

Hex(6A7F40)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6A7F40)

Conversions

Conversions Part 1

Format	Color
Hex	6A7F40
RGB	106, 127, 64
RGB Percent	42%, 50%, 25%
CMY	0.5843, 0.5020, 0.7490
CMYK	0.17, 0.00, 0.50, 0.50
HSL	80°, 33%, 37%
HSV	80°, 50%, 50%
XYZ	14.4586, 18.6131, 7.6811
YIQ	113.5390, 7.7070, -24.0450

Conversions

Conversions Part 2

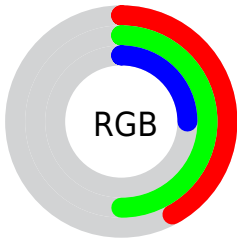
Format	Color
RYB	64, 127, 85
Decimal	6979392
CIELab	50.23, -18.57, 31.55
CIELCh	50, 36.612, 120.477
Yxy	18.6131, 0.3548, 0.4567
Android (android.graphics.Color)	4285169472 (0xFF6A7F40)
YUV	113.5390, -24.4227, -6.6117
Hunter-Lab	43.1429, -15.6786, 19.6441

Details

The Hex color **6A7F40** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **55407F**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **9FB471**, and **394E11** is the 20% darker color. If you saturate the color by 10%, you get **667F33**, and if you desaturate by 10%, it is **6E7F4D**.

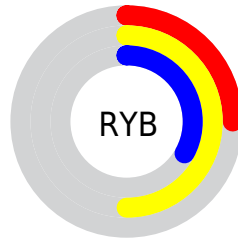
Distribution



Red (42%)

Green (50%)

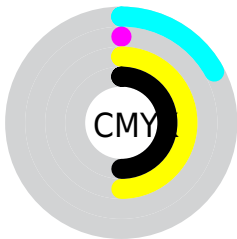
Blue (25%)



Red (25%)

Yellow (50%)

Blue (33%)

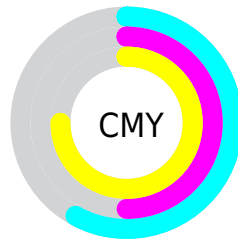


Cyan (17%)

Magenta (0%)

Yellow (50%)

Black (50%)



Cyan (58%)

Magenta (50%)

Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Hex color 6A7F40 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 6A7F40 by changing the saturation by 10% instead.

 6A7F40

 6A7F40

FFFFFF

 516629


 9FB471

 394E11

 BACF8B

 223700

 D6ECA6

 082200

 F3FFC1

 000200

 FFFFDD

 000000

 FFFFFA

 6A7F40

 6A7F40

 667F33

 6E7F4D

■ 627F27

■ 727F59

■ 5D7F1A

■ 777F66

■ 597F0D

■ 7B7F73

■ 557F00

■ 7F7F80

■ 837F8C

■ 887F99

■ 8C7FA6

■ 907FB2

Harmonies

Analogous

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



8A7638



6A7F40



438558

Triad

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



6A7F40



0083AD



B15E78

Complementary

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



6A7F40



55407F

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.



9F6497



6A7F40



437BB6

Square

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



6A7F40



008796



7B6FAD



B1615A

Rectangle

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



6A7F40



1A876C



7B6FAD



AD5F83

Sweetspot

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



6A7F40



9DA68D



7F5540



4F5445



D4D4D4



545454

Same Dimension

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



6A7F40



85A642



4A7F40



3E4039



558000



000000

Inverse Universe

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



55407F



6342A6



75407F



3C3940



2A0080



000000

Previews

White Background



This preview shows how the Hex color 6A7F40 looks on a white background.

Color Contrast Check

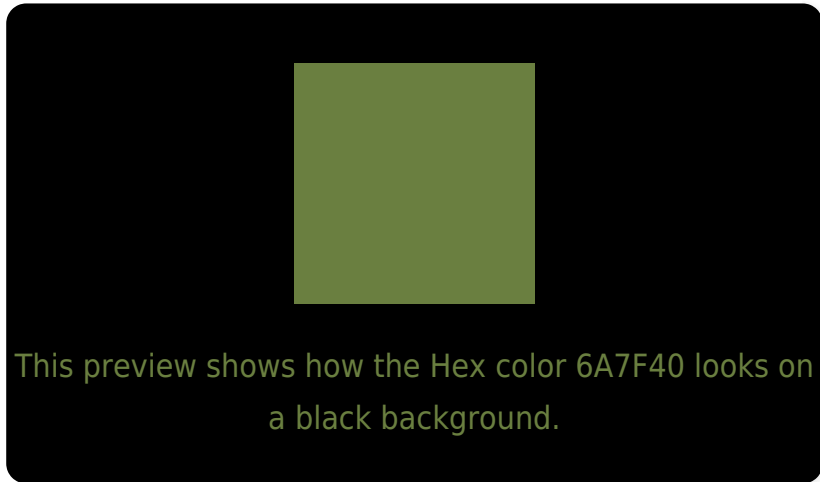
Large Text (above 18pt) WCAG AA ✓ Pass

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

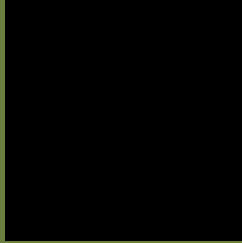
Any Text WCAG AA ✓ Pass

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 6A7F40 Background



This preview shows how black text looks on a background with the Hex color 6A7F40.



This preview shows how white text looks on a background with the Hex color 6A7F40.

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
6A7F40

Protanopia
84773D

Deuteranopia
917243



Tritanopia
727881

Trichromacy



Original Color
6A7F40

Protanomaly
7B7A3E

Deuteranomaly
837742

Tritanomaly
6F7B69

Monochromacy



Original Color
6A7F40

Achromatopsia
727272

Achromatomaly
6F7760

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A7F40 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 #6A7F40 looks like.

```
.text, #text, p{  
    color:#6A7F40  
}
```

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 #6A7F40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7F40
}
```

Border

The CSS property to change the border of an element to Hex 6A7F40 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
#6A7F40 }
```

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

```
.border{ border-color:#6A7F40 }
```

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

Here you see how a box with a 4 pixel #6A7F40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7F40; -webkit-box-shadow:4px 4px  
4px 4px #6A7F40; box-shadow:4px 4px 4px  
4px #6A7F40 }
```

Background

The CSS property to change the background color of an element to Hex 6A7F40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7F40 }
```

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

```
.background{ background-color:#6A7F40 }
```

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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