

Converting Colors

Hex(6A8041)

Have a look what the booklet for
Hex(6A8041) contains.

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Color

Hex(6A8041)

Conversions

Conversions Part 1

Format	Color
Hex	6A8041
RGB	106, 128, 65
RGB Percent	42%, 50%, 25%
CMY	0.5843, 0.4980, 0.7451
CMYK	0.17, 0.00, 0.49, 0.50
HSL	81°, 33%, 38%
HSV	81°, 49%, 50%
XYZ	14.6172, 18.8842, 7.8756
YIQ	114.2400, 7.1110, -24.2570

Conversions

Conversions Part 2

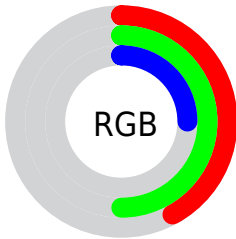
Format	Color
RYB	65, 128, 87
Decimal	6979649
CIELab	50.55, -18.98, 31.41
CIELCh	51, 36.700, 121.136
Yxy	18.8842, 0.3533, 0.4564
Android (android.graphics.Color)	4285169729 (0xFF6A8041)
YUV	114.2400, -24.2753, -7.2265
Hunter-Lab	43.4559, -16.0062, 19.6739

Details

The Hex color **6A8041** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **574180**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **9FB572**, and **394F12** is the 20% darker color. If you saturate the color by 10%, you get **668034**, and if you desaturate by 10%, it is **6E804E**.

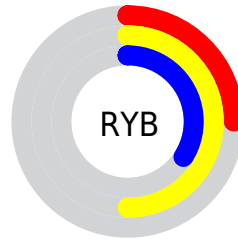
Distribution



Red (42%)

Green (50%)

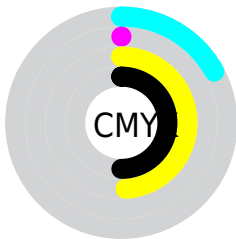
Blue (25%)



Red (25%)

Yellow (50%)

Blue (34%)

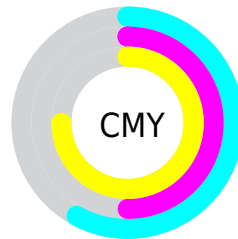


Cyan (17%)

Magenta (0%)

Yellow (49%)

Black (50%)



Cyan (58%)

Magenta (50%)

Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Hex color 6A8041 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 6A8041 by changing the saturation by 10% instead.

 6A8041

 6A8041

FFFFFF

 51672A

 9FB572

 394F12

 BAD08C

 223800

 D6EDA7

 082200

 F3FFC2

 000400

 FFFFDF

 000000

 FFFFFB

 6A8041

 6A8041

 668034

 6E804E

■ 618027

■ 73805B

■ 5D801B

■ 778067

■ 58800E

■ 7C8074

■ 548001

■ 808081

■ 538000

■ 85808E

■ 89809B

■ 8E80A7

■ 9280B4

Harmonies

Analogous

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



8A7738



6A8041



428659

Triad

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



6A8041



0083AE



B25E78

Complementary

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



6A8041



574180

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.



A06497



6A8041



457BB7

Square

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



6A8041



008898



7C70AE



B2625A

Rectangle

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



6A8041



18886E



7C70AE



AE5F83

Sweetspot

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



6A8041



9DA68D



805641



4F5445



D4D4D4



545454

Same Dimension

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



6A8041



84A644



4C8041



3E4039



538000



000000

Inverse Universe

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



574180



6644A6



764180



3C3940



2D0080



000000

Previews

White Background



This preview shows how the Hex color 6A8041 looks on a white background.

Color Contrast Check

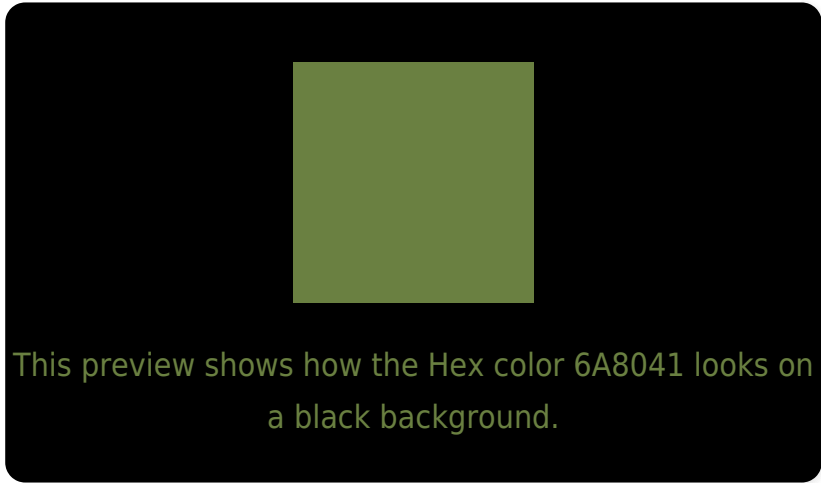
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A8041 Background



This preview shows how black text looks on a background with the Hex color 6A8041.



This preview shows how white text looks on a background with the Hex color 6A8041.

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
6A8041

Protanopia
84783E

Deuteranopia
927344



Tritanopia
727982

Trichromacy



Original Color
6A8041

Protanomaly
7B7B3F

Deuteranomaly
837843

Tritanomaly
6F7C6A

Monochromacy



Original Color
6A8041

Achromatopsia
727272

Achromatomaly
6F7760

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A8041 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 #6A8041 looks like.

```
.text, #text, p{  
    color:#6A8041  
}
```

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 #6A8041 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A8041
}
```

Border

The CSS property to change the border of an element to Hex 6A8041 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
#6A8041 }
```

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

```
.border{ border-color:#6A8041 }
```

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

Here you see how a box with a 4 pixel #6A8041 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A8041; -webkit-box-shadow:4px 4px  
4px 4px #6A8041; box-shadow:4px 4px 4px  
4px #6A8041 }
```

Background

The CSS property to change the background color of an element to Hex 6A8041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A8041 }
```

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

```
.background{ background-color:#6A8041 }
```

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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