

Converting Colors

Hex(6A3762)

Have a look what the booklet for
Hex(6A3762) contains.

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Color

Hex(6A3762)

Conversions

Conversions Part 1

Format	Color
Hex	6A3762
RGB	106, 55, 98
RGB Percent	42%, 22%, 38%
CMY	0.5843, 0.7843, 0.6157
CMYK	0.00, 0.48, 0.08, 0.58
HSL	309°, 32%, 32%
HSV	309°, 48%, 42%
XYZ	9.5147, 6.6784, 12.3429
YIQ	75.1510, 16.5930, 24.1850

Conversions

Conversions Part 2

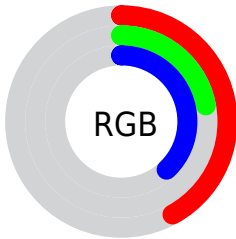
Format	Color
R_{YB}	106, 55, 98
Decimal	6960994
CIE _{Lab}	31.06, 29.30, -15.65
CIE _{LCh}	31, 33.219, 331.893
Yxy	6.6784, 0.3334, 0.2340
Android (android.graphics.Color)	4285151074 (0xFF6A3762)
YUV	75.1510, 11.2646, 27.0546
Hunter-Lab	25.8426, 20.4951, -10.2281

Details

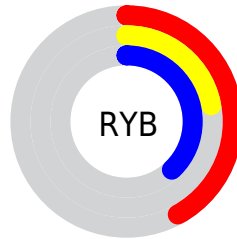
The Hex color **6A3762** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **376A3F**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **9F6895**, and **390833** is the 20% darker color. If you saturate the color by 10%, you get **6A2C60**, and if you desaturate by 10%, it is **6A4264**.

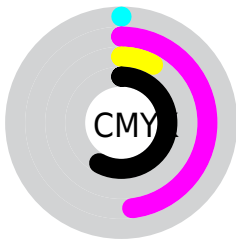
Distribution



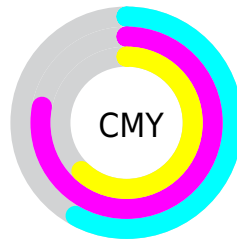
- Red (42%)
- Green (22%)
- Blue (38%)



- Red (42%)
- Yellow (22%)
- Blue (38%)



- Cyan (0%)
- Magenta (48%)
- Yellow (8%)
- Black (58%)



- Cyan (58%)
- Magenta (78%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A3762 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 6A3762 by changing the saturation by 10% instead.

6A3762

6A3762

FFFFFF

51204A

9F6895

390833

BA81B0

25001F

D69CCB

000001

F3B7E7

000000

FFD3FF

FFEFFF

6A3762

6A3762

6A2C60

6A4264

6A225F

6A4C65

6A175D

6A5767

6A0D5B

6A6169

6A025A

6A6C6A

6A0059

6A776C

6A816E

6A8C6F

6A9671

Harmonies

Analogous

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



4C4275



6A3762



783149

Triad

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



6A3762



564811



005564

Complementary

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



6A3762



376A3F

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.



00564A



6A3762



3B501A

Square

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



6A3762



6A3F1B



145430



005277

Rectangle

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



6A3762



793337



145430



00565C

Sweetspot

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



6A3762



8A7687



3F376A



453943



C4C4C4



454545

Same Dimension

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



6A3762



8A3A7D



6A3749



363035



750063



F500CE

Inverse Universe

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



6A3762



8A3A7D



376A58



363035



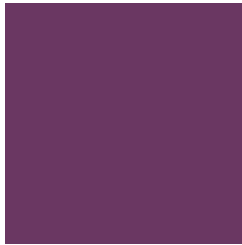
750063



F500CE

Previews

White Background



This preview shows how the Hex color 6A3762 looks on a white background.

Color Contrast Check

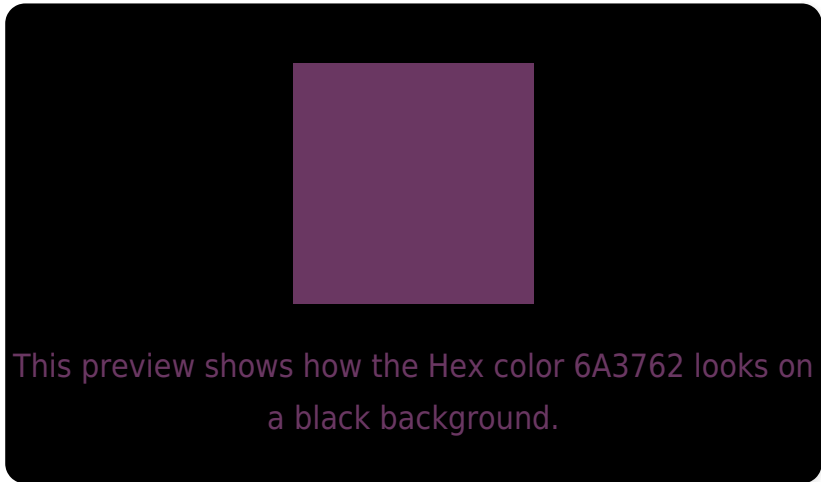
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

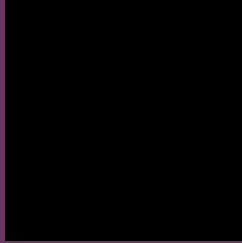
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6A3762 Background



This preview shows how black text looks on a background with the Hex color 6A3762.



This preview shows how white text looks on a background with the Hex color 6A3762.

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
6A3762

Protanopia
3C4870

Deuteranopia
46485F



Tritanopia
663E43

Trichromacy



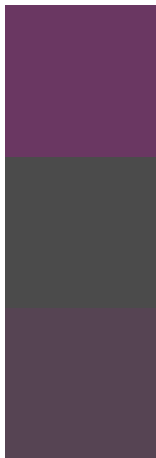
Original Color
6A3762

Protanomaly
4D426B

Deuteranomaly
534260

Tritanomaly
673B4E

Monochromacy



Original Color
6A3762

Achromatopsia
4B4B4B

Achromatomaly
564453

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A3762 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 #6A3762 looks like.

```
.text, #text, p{  
    color:#6A3762  
}
```

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 #6A3762 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A3762
}
```

Border

The CSS property to change the border of an element to Hex 6A3762 is called "border". The border property can be set on classes, ids or directly on the HTML element.

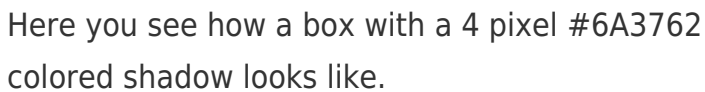
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A3762 }
```

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

```
.border{ border-color:#6A3762 }
```

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



Here you see how a box with a 4 pixel #6A3762 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A3762; -webkit-box-shadow:4px 4px  
4px 4px #6A3762; box-shadow:4px 4px 4px  
4px #6A3762 }
```

Background

The CSS property to change the background color of an element to Hex 6A3762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A3762 }
```

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

```
.background{ background-color:#6A3762 }
```

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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