

Converting Colors

Hex(6A5161)

Have a look what the booklet for
Hex(6A5161) contains.

Hex(6A5161)	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(6A5161)

Conversions

Conversions Part 1

Format	Color
Hex	6A5161
RGB	106, 81, 97
RGB Percent	42%, 32%, 38%
CMY	0.5843, 0.6824, 0.6196
CMYK	0.00, 0.24, 0.08, 0.58
HSL	322°, 13%, 37%
HSV	322°, 24%, 42%
XYZ	11.0440, 9.8121, 12.6211
YIQ	90.2990, 9.7640, 10.2760

Conversions

Conversions Part 2

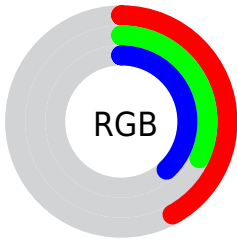
Format	Color
RYB	106, 81, 97
Decimal	6967649
CIELab	37.50, 13.37, -5.27
CIELCh	38, 14.371, 338.489
Yxy	9.8121, 0.3299, 0.2931
Android (android.graphics.Color)	4285157729 (0xFF6A5161)
YUV	90.2990, 3.3036, 13.7698
Hunter-Lab	31.3243, 8.1160, -1.9620

Details

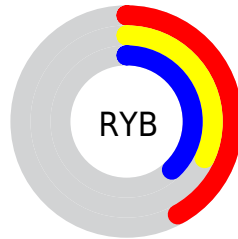
The Hex color **6A5161** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **516A5A**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **9E8294**, and **3A2433** is the 20% darker color. If you saturate the color by 10%, you get **6A465D**, and if you desaturate by 10%, it is **6A5C65**.

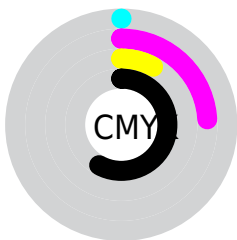
Distribution



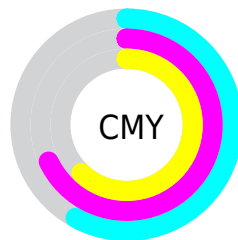
- Red (42%)
- Green (32%)
- Blue (38%)



- Red (42%)
- Yellow (32%)
- Blue (38%)



- Cyan (0%)
- Magenta (24%)
- Yellow (8%)
- Black (58%)



- Cyan (58%)
- Magenta (68%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A5161 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 6A5161 by changing the saturation by 10% instead.



6A5161



6A5161

FFFFFF



523A49



9E8294



3A2433



B99DAE



24101E



D4B8CA



060002



F1D3E6



000000



FFF0FF



6A5161



6A5161



6A465D



6A5C65



6A3C59



6A6669

6A3156

6A716C

6A2752

6A7B70

6A1C4E

6A8674

6A114A

6A9178

6A0746

6A9B7C

6A0044

6AA680

6AB083

Harmonies

Analogous

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



5E546A



6A5161



705055

Triad

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



6A5161



5E5941



385E66

Complementary

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



6A5161



516A5A

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.



3A5F5B



6A5161



515C46

Square

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



6A5161



685543



445E4F



405C6D

Rectangle

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



6A5161



70514E



445E4F



375F63

Sweetspot

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



6A5161



8A8086



5A516A



453F43



C4C4C4



454545

Same Dimension

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



6A5161



8A637C



6A5155



363034



75004B



F5009D

Inverse Universe

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



6A5161



8A637C



516A66



363034



75004B



F5009D

Previews

White Background



This preview shows how the Hex color 6A5161 looks on a white background.

Color Contrast Check

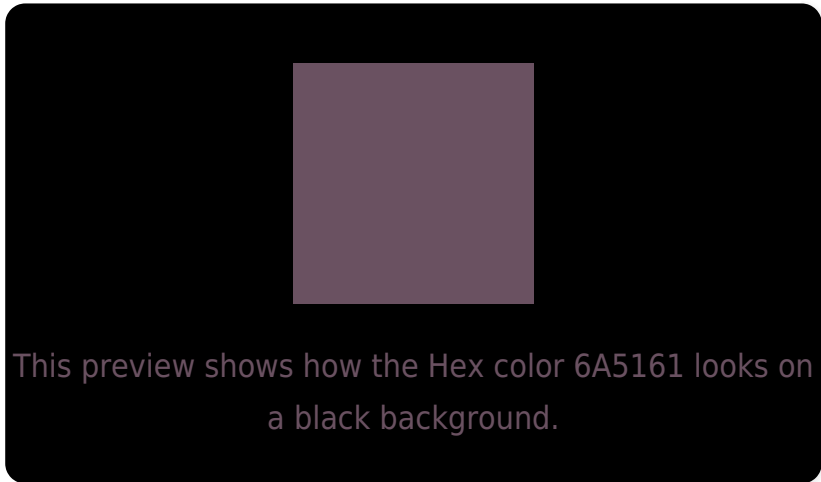
Large Text (above 18pt) WCAG AA ✓ Pass

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

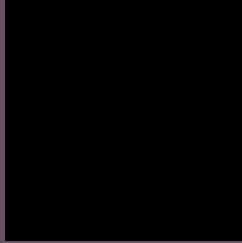
Any Text WCAG AA × Fail

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 6A5161 Background



This preview shows how black text looks on a background with the Hex color 6A5161.



This preview shows how white text looks on a background with the Hex color 6A5161.

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
6A5161

Protanopia
565865

Deuteranopia
5E5660



Tritanopia
695259

Trichromacy



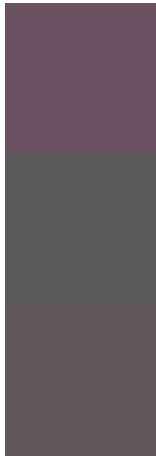
Original Color
6A5161

Protanomaly
5D5564

Deuteranomaly
625460

Tritanomaly
69525C

Monochromacy



Original Color
6A5161

Achromatopsia
5A5A5A

Achromatomaly
60575D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A5161 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 #6A5161 looks like.

```
.text, #text, p{  
    color:#6A5161  
}
```

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 #6A5161 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A5161
}
```

Border

The CSS property to change the border of an element to Hex 6A5161 is called "border". The border property can be set on classes, ids or directly on the HTML element.

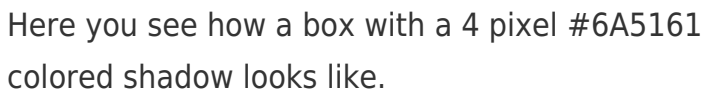
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A5161 }
```

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

```
.border{ border-color:#6A5161 }
```

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



Here you see how a box with a 4 pixel #6A5161 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A5161; -webkit-box-shadow:4px 4px  
4px 4px #6A5161; box-shadow:4px 4px 4px  
4px #6A5161 }
```

Background

The CSS property to change the background color of an element to Hex 6A5161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A5161 }
```

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

```
.background{ background-color:#6A5161 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor