

Converting Colors

Hex(6A3150)

Have a look what the booklet for
Hex(6A3150) contains.

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Color

Hex(6A3150)

Conversions

Conversions Part 1

Format	Color
Hex	6A3150
RGB	106, 49, 80
RGB Percent	42%, 19%, 31%
CMY	0.5843, 0.8078, 0.6863
CMYK	0.00, 0.54, 0.25, 0.58
HSL	327°, 37%, 30%
HSV	327°, 54%, 42%
XYZ	8.4901, 5.8400, 8.2692
YIQ	69.5770, 24.0210, 21.7250

Conversions

Conversions Part 2

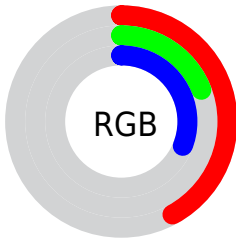
Format	Color
R_{YB}	106, 49, 80
Decimal	6959440
CIE Lab	29.01, 29.52, -7.10
CIE LCh	29, 30.364, 346.475
Yxy	5.8400, 0.3757, 0.2584
Android (android.graphics.Color)	4285149520 (0xFF6A3150)
YUV	69.5770, 5.1385, 31.9430
Hunter-Lab	24.1661, 20.4209, -3.3717

Details

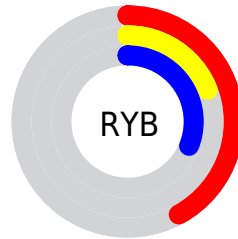
The Hex color **6A3150** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **316A4B**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **9F6181**, and **380124** is the 20% darker color. If you saturate the color by 10%, you get **6A264B**, and if you desaturate by 10%, it is **6A3C55**.

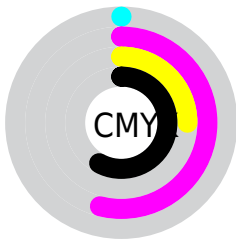
Distribution



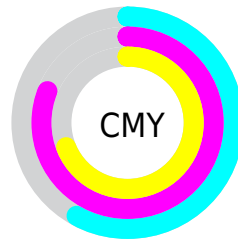
- Red (42%)
- Green (19%)
- Blue (31%)



- Red (42%)
- Yellow (19%)
- Blue (31%)



- Cyan (0%)
- Magenta (54%)
- Yellow (25%)
- Black (58%)



- Cyan (58%)
- Magenta (81%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Hex color 6A3150 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 6A3150 by changing the saturation by 10% instead.

 6A3150

 6A3150

FFFFFF

 511A39

 9F6181

 380124

 BB7B9B

 25000E

 D795B6

 000000

 F4B0D2

 FFCCEE

 FFE8FF

 6A3150

 6A3150

 6A264B

 6A3C55

 6A1C46

 6A465A

 6A1141

 6A515F

 6A073D

 6A5B63

 6A003A

 6A6668

 6A716D

 6A7B72

 6A8677

 6A907C

Harmonies

Analogous

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



563965



6A3150



703038

Triad

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



6A3150



454714



004E66

Complementary

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



6A3150



316A4B

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.



005051



6A3150



2A4C23

Square

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



6A3150



5A3F15



004F39



004A72

Rectangle

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



6A3150



6D342A



004F39



004F60

Sweetspot

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



6A3150



8A7480



4B316A



45383F



C4C4C4



454545

Same Dimension

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



6A3150



8A3061



6A3134



363033



750040



F50085

Inverse Universe

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



6A3150



8A3061



316A67



363033



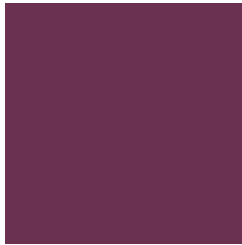
750040



F50085

Previews

White Background



This preview shows how the Hex color 6A3150 looks on a white background.

Color Contrast Check

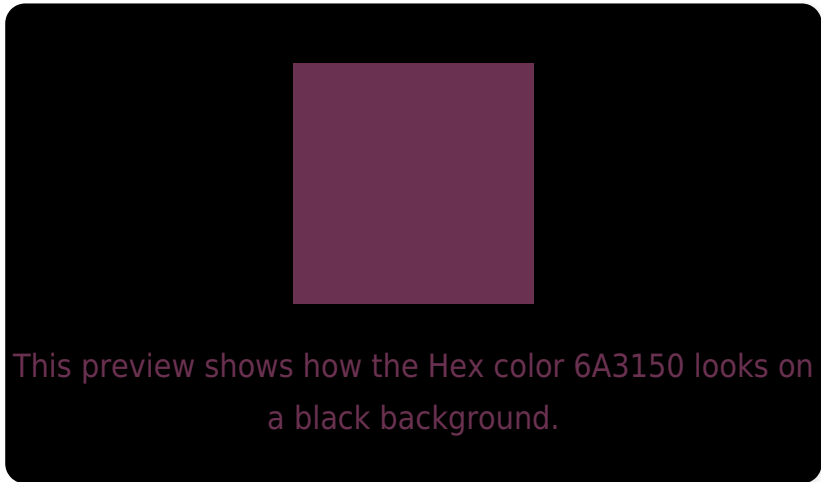
Large Text (above 18pt) WCAG AA ✓ Pass

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

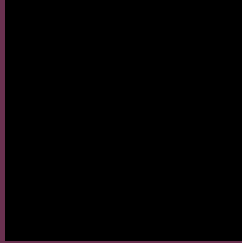
Any Text WCAG AA × Fail

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 6A3150 Background



This preview shows how black text looks on a background with the Hex color 6A3150.



This preview shows how white text looks on a background with the Hex color 6A3150.

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
6A3150

Protanopia
3E445D

Deuteranopia
48434D



Tritanopia
68363A

Trichromacy



Original Color
6A3150

Protanomaly
4E3D58

Deuteranomaly
543C4E

Tritanomaly
693442

Monochromacy



Original Color
6A3150

Achromatopsia
464646

Achromatomaly
533E4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A3150 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 #6A3150 looks like.

```
.text, #text, p{  
    color:#6A3150  
}
```

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 #6A3150 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A3150
}
```

Border

The CSS property to change the border of an element to Hex 6A3150 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
#6A3150 }
```

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

```
.border{ border-color:#6A3150 }
```

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

Here you see how a box with a 4 pixel #6A3150 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A3150; -webkit-box-shadow:4px 4px  
4px 4px #6A3150; box-shadow:4px 4px 4px  
4px #6A3150 }
```

Background

The CSS property to change the background color of an element to Hex 6A3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A3150 }
```

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

```
.background{ background-color:#6A3150 }
```

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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