

Converting Colors

Hex(6B4140)

Have a look what the booklet for
Hex(6B4140) contains.

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Color

Hex(6B4140)

Conversions

Conversions Part 1

Format	Color
Hex	6B4140
RGB	107, 65, 64
RGB Percent	42%, 25%, 25%
CMY	0.5804, 0.7451, 0.7490
CMYK	0.00, 0.39, 0.40, 0.58
HSL	1°, 25%, 34%
HSV	1°, 40%, 42%
XYZ	8.8791, 7.2766, 5.7870
YIQ	77.4440, 25.3530, 8.5930

Conversions

Conversions Part 2

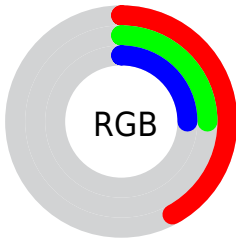
Format	Color
RYB	107, 65, 64
Decimal	7029056
CIELab	32.43, 18.13, 8.30
CIELCh	32, 19.939, 24.603
Yxy	7.2766, 0.4047, 0.3316
Android (android.graphics.Color)	4285219136 (0xFF6B4140)
YUV	77.4440, -6.6279, 25.9206
Hunter-Lab	26.9751, 11.5486, 6.1630




Details

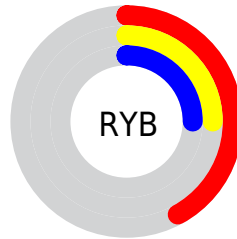
The Hex color **6B4140** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **406A6B**, and the grayscale version is **4D4D4D**.




A 20% lighter version of the original color is **A07170**, and **391516** is the 20% darker color. If you saturate the color by 10%, you get **6B3735**, and if you desaturate by 10%, it is **6B4B4B**.

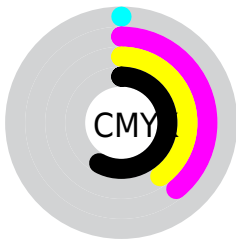
Distribution







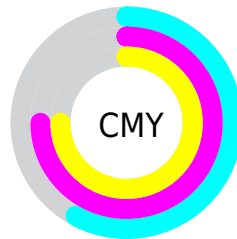
-  Red (42%)
-  Green (25%)
-  Blue (25%)






-  Red (42%)
-  Yellow (25%)
-  Blue (25%)



-  Cyan (0%)
-  Magenta (39%)
-  Yellow (40%)
-  Black (58%)



-  Cyan (58%)
-  Magenta (75%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B4140 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 6B4140 by changing the saturation by 10% instead.

 6B4140

 6B4140

FFFFFF

 522A2A

 A07170

 391516

 BB8B89

 250000

 D8A6A3

 000000

 F5C1BE

 FFDDDA

 FFF9F7

 6B4140

 6B4140

 6B3735

 6B4B4B

 6B2C2B

 6B5655

 6B2220

 6B6060

 6B1715

 6B6B6B

 6B0D0A

 6B7575

 6B0200

 6B8080

 6B8A8B

 6B9596

 6B9FA0

Harmonies

Analogous

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



694050



6B4140



654533

Triad

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



6B4140



37533A



324F6B

Complementary

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



6B4140



406A6B

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.



195365



6B4140



245549

Square

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



6B4140



4A4F2F



135559



4A4969

Rectangle

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



6B4140



5E492E



135559



29506A

Sweetspot

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



6B4140



8C7C7B



6B406A



473E3D



C7C7C7



474747

Same Dimension

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



6B4140



8C4A49



6B5640



363030



750300



F50600

Inverse Universe

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



406A6B



498B8C



40556B



303536



007375



00EFF5

Previews

White Background



This preview shows how the Hex color 6B4140 looks on a white background.

Color Contrast Check

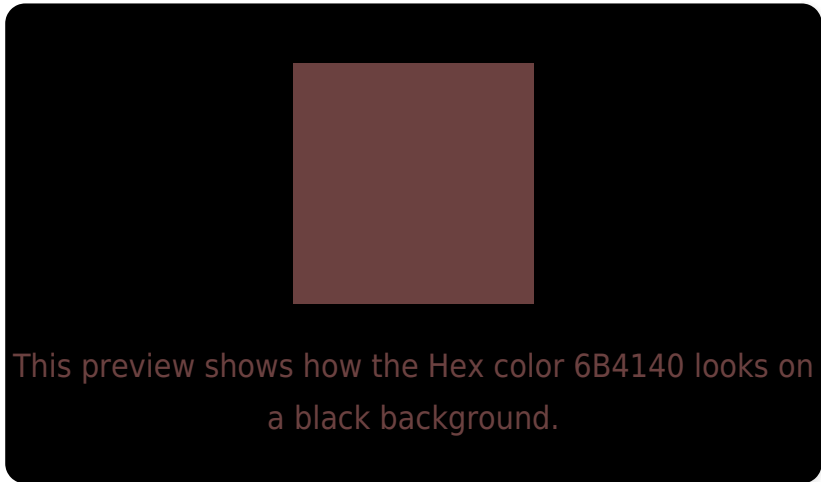
Large Text (above 18pt) WCAG AA ✓ Pass

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

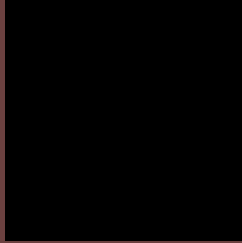
Any Text WCAG AA × Fail

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 6B4140 Background



This preview shows how black text looks on a background with the Hex color 6B4140.

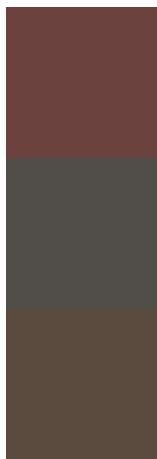


This preview shows how white text looks on a background with the Hex color 6B4140.

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
6B4140

Protanopia
504C46

Deuteranopia
594A3E



Tritanopia
6B4045

Trichromacy



Original Color
6B4140

Protanomaly
5A4844

Deuteranomaly
60473F

Tritanomaly
6B4043

Monochromacy



Original Color
6B4140

Achromatopsia
4D4D4D

Achromatomaly
584948

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B4140 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 #6B4140 looks like.

```
.text, #text, p{  
    color:#6B4140  
}
```

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 #6B4140 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B4140
}
```

Border

The CSS property to change the border of an element to Hex 6B4140 is called "border". The border property can be set on classes, ids or directly on the HTML element.

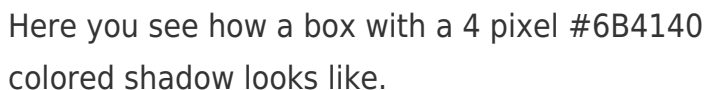
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B4140 }
```

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

```
.border{ border-color:#6B4140 }
```

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



Here you see how a box with a 4 pixel #6B4140 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B4140; -webkit-box-shadow:4px 4px  
4px 4px #6B4140; box-shadow:4px 4px 4px  
4px #6B4140 }
```

Background

The CSS property to change the background color of an element to Hex 6B4140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B4140 }
```

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

```
.background{ background-color:#6B4140 }
```

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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