

Converting Colors

Hex(6A4567)

Have a look what the booklet for
Hex(6A4567) contains.

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Color

Hex(6A4567)

Conversions

Conversions Part 1

Format	Color
Hex	6A4567
RGB	106, 69, 103
RGB Percent	42%, 27%, 40%
CMY	0.5843, 0.7294, 0.5961
CMYK	0.00, 0.35, 0.03, 0.58
HSL	305°, 21%, 34%
HSV	305°, 35%, 42%
XYZ	10.5202, 8.2997, 13.8795
YIQ	83.9390, 11.1380, 18.4180

Conversions

Conversions Part 2

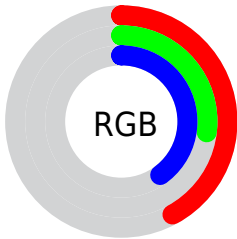
Format	Color
R_{YB}	106, 69, 103
Decimal	6964583
CIE _{Lab}	34.60, 21.97, -13.41
CIE _{LCh}	35, 25.738, 328.587
Yxy	8.2997, 0.3217, 0.2538
Android (android.graphics.Color)	4285154663 (0xFF6A4567)
YUV	83.9390, 9.3971, 19.3475
Hunter-Lab	28.8092, 14.7662, -8.3979

Details

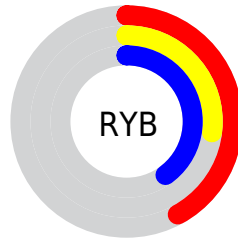
The Hex color **6A4567** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **456A48**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **9E769A**, and **3A1838** is the 20% darker color. If you saturate the color by 10%, you get **6A3A66**, and if you desaturate by 10%, it is **6A5068**.

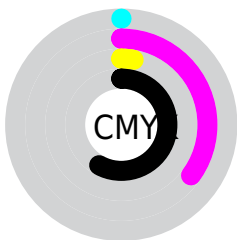
Distribution



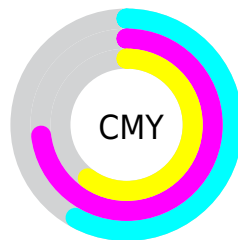
- Red (42%)
- Green (27%)
- Blue (40%)



- Red (42%)
- Yellow (27%)
- Blue (40%)



- Cyan (0%)
- Magenta (35%)
- Yellow (3%)
- Black (58%)



- Cyan (58%)
- Magenta (73%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A4567 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 6A4567 by changing the saturation by 10% instead.



6A4567



6A4567

FFFFFF



512E4F



9E769A



3A1838



B990B5



240122



D5AAD1



00000A



F2C6ED



000000



FFE2FF



6A4567



6A4567



6A3A66



6A5068



6A3065



6A5A69

 6A2564

 6A656A

 6A1B64

 6A6F6A

 6A1063

 6A7A6B

 6A0562

 6A856C

 6A0061

 6A8F6D

 6A9A6E

 6AA46F

Harmonies

Analogous

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



524C75



6A4567



774153

Triad

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



6A4567



5F5028



005C64

Complementary

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



6A4567



456A48

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.



0C5C50



6A4567



4A562C

Square

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



6A4567



6F492F



315A3B



005974

Rectangle

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



6A4567



794145



315A3B



005C5E

Sweetspot

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



6A4567



8A7C89



47456A



453D44



C4C4C4



454545

Same Dimension

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



6A4567



8A5085



6A4555



363035



75006C



F500E1

Inverse Universe

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



6A4567



8A5085



456A5A



363035



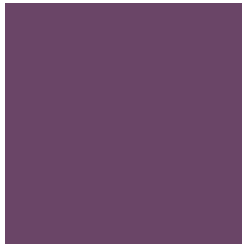
75006C



F500E1

Previews

White Background



This preview shows how the Hex color 6A4567 looks on a white background.

Color Contrast Check

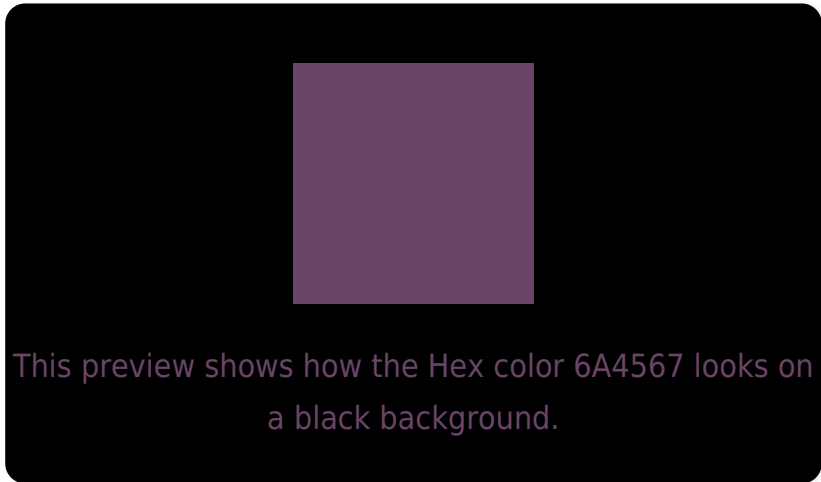
Large Text (above 18pt) WCAG AA ✓ Pass

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

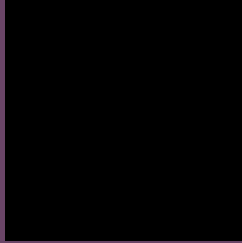
Any Text WCAG AA × Fail

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 6A4567 Background



This preview shows how black text looks on a background with the Hex color 6A4567.



This preview shows how white text looks on a background with the Hex color 6A4567.

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
6A4567

Protanopia
495170

Deuteranopia
505065



Tritanopia
674A4F

Trichromacy



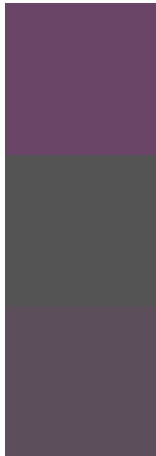
Original Color
6A4567

Protanomaly
554D6D

Deuteranomaly
594C66

Tritanomaly
684858

Monochromacy



Original Color
6A4567

Achromatopsia
545454

Achromatomaly
5C4F5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A4567 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 #6A4567 looks like.

```
.text, #text, p{  
    color:#6A4567  
}
```

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 #6A4567 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A4567
}
```

Border

The CSS property to change the border of an element to Hex 6A4567 is called "border". The border property can be set on classes, ids or directly on the HTML element.

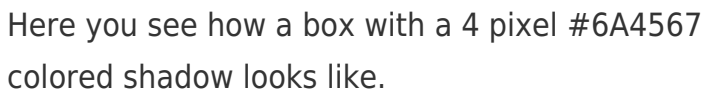
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A4567 }
```

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

```
.border{ border-color:#6A4567 }
```

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



Here you see how a box with a 4 pixel #6A4567 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A4567; -webkit-box-shadow:4px 4px  
4px 4px #6A4567; box-shadow:4px 4px 4px  
4px #6A4567 }
```

Background

The CSS property to change the background color of an element to Hex 6A4567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A4567 }
```

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

```
.background{ background-color:#6A4567 }
```

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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