

Converting Colors

Hex(6A4242)

Have a look what the booklet for
Hex(6A4242) contains.

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Color

Hex(6A4242)

Conversions

Conversions Part 1

Format	Color
Hex	6A4242
RGB	106, 66, 66
RGB Percent	42%, 26%, 26%
CMY	0.5843, 0.7412, 0.7412
CMYK	0.00, 0.38, 0.38, 0.58
HSL	0°, 23%, 34%
HSV	0°, 38%, 42%
XYZ	8.8754, 7.3539, 6.1059
YIQ	77.9600, 23.8400, 8.4800

Conversions

Conversions Part 2

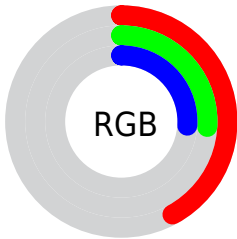
Format	Color
R_{YB}	106, 66, 66
Decimal	6963778
CIE _{Lab}	32.60, 17.36, 7.24
CIE _{LCh}	33, 18.809, 22.637
Yxy	7.3539, 0.3974, 0.3293
Android (android.graphics.Color)	4285153858 (0xFF6A4242)
YUV	77.9600, -5.8963, 24.5911
Hunter-Lab	27.1182, 10.9641, 5.6330

Details

The Hex color **6A4242** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **426A6A**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **9F7272**, and **391617** is the 20% darker color. If you saturate the color by 10%, you get **6A3737**, and if you desaturate by 10%, it is **6A4D4D**.

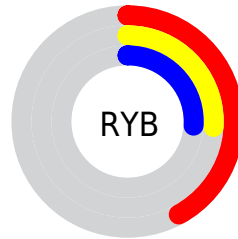
Distribution



Red (42%)

Green (26%)

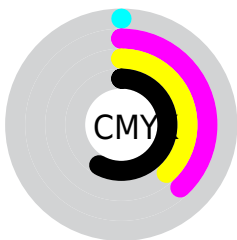
Blue (26%)



Red (42%)

Yellow (26%)

Blue (26%)

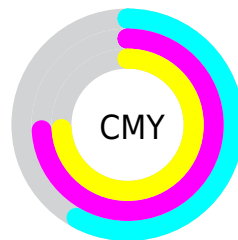


Cyan (0%)

Magenta (38%)

Yellow (38%)

Black (58%)



Cyan (58%)

Magenta (74%)

Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Hex color 6A4242 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 6A4242 by changing the saturation by 10% instead.

 6A4242

 6A4242

FFFFFF

 512B2C

 9F7272

 391617

 BA8C8B

 250000

 D6A7A6

 000000

 F3C2C1

 FFDEDD

 FFFAF9

 6A4242

 6A4242

 6A3737

 6A4D4D

 6A2D2D

 6A5757

 6A2222

 6A6262

 6A1818

 6A6C6C

 6A0D0D

 6A7777

 6A0202

 6A8282

 6A0000

 6A8C8C

 6A9797

 6AA1A1

Harmonies

Analogous

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



674251



6A4242



654636

Triad

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



6A4242



3A533A



334F6A

Complementary

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



6A4242



426A6A

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.



1E5364



6A4242



285548

Square

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



6A4242



4B4F31



1A5558



494A68

Rectangle

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



6A4242



5E4931



1A5558



2B5169

Sweetspot

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



6A4242



8A7B7B



6A426A



453C3C



C4C4C4



454545

Same Dimension

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



6A4242



8A4C4C



6A5642



363030



750000



F50000

Inverse Universe

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



426A6A



4C8A8A



42566A



303636



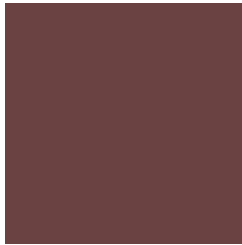
007575



00F5F5

Previews

White Background



This preview shows how the Hex color 6A4242 looks on a white background.

Color Contrast Check

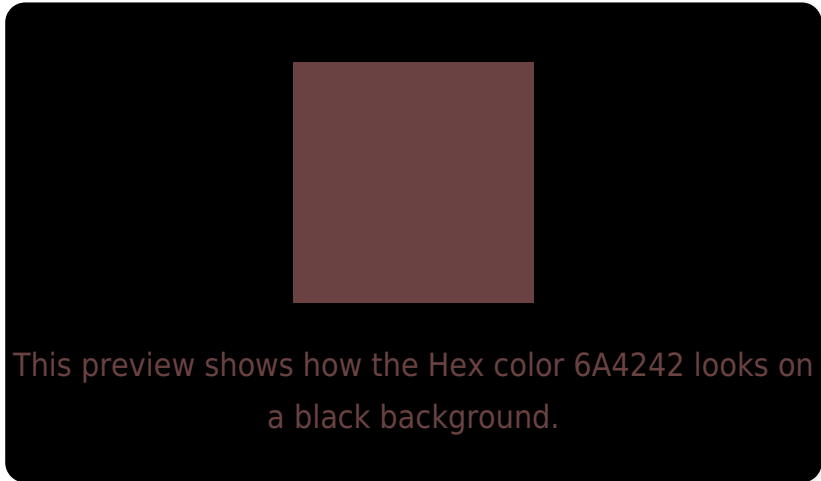
Large Text (above 18pt) WCAG AA ✓ Pass

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

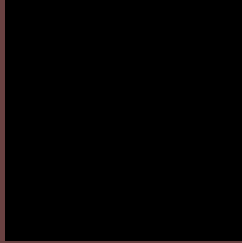
Any Text WCAG AA × Fail

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 6A4242 Background



This preview shows how black text looks on a background with the Hex color 6A4242.



This preview shows how white text looks on a background with the Hex color 6A4242.

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
6A4242

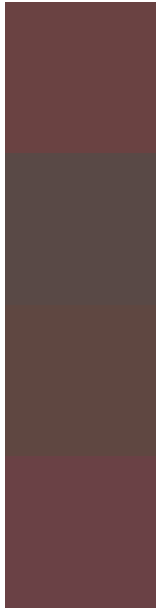
Protanopia
504D48

Deuteranopia
594A41



Tritanopia
6A4146

Trichromacy



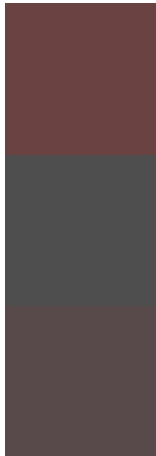
Original Color
6A4242

Protanomaly
594946

Deuteranomaly
5F4741

Tritanomaly
6A4145

Monochromacy



Original Color
6A4242

Achromatopsia
4E4E4E

Achromatomaly
584A4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A4242 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 #6A4242 looks like.

```
.text, #text, p{  
    color:#6A4242  
}
```

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 #6A4242 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A4242
}
```

Border

The CSS property to change the border of an element to Hex 6A4242 is called "border". The border property can be set on classes, ids or directly on the HTML element.

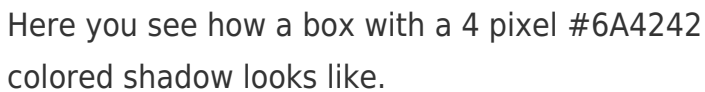
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A4242 }
```

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

```
.border{ border-color:#6A4242 }
```

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



Here you see how a box with a 4 pixel #6A4242 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A4242; -webkit-box-shadow:4px 4px  
4px 4px #6A4242; box-shadow:4px 4px 4px  
4px #6A4242 }
```

Background

The CSS property to change the background color of an element to Hex 6A4242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A4242 }
```

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

```
.background{ background-color:#6A4242 }
```

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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