

Converting Colors

Hex(6B4545)

Have a look what the booklet for
Hex(6B4545) contains.

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Color

Hex(6B4545)

Conversions

Conversions Part 1

Format	Color
Hex	6B4545
RGB	107, 69, 69
RGB Percent	42%, 27%, 27%
CMY	0.5804, 0.7294, 0.7294
CMYK	0.00, 0.36, 0.36, 0.58
HSL	0°, 22%, 35%
HSV	0°, 36%, 42%
XYZ	9.2657, 7.8117, 6.6497
YIQ	80.3620, 22.6480, 8.0560

Conversions

Conversions Part 2

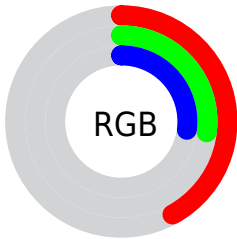
Format	Color
R _Y B	107, 69, 69
Decimal	7030085
CIE Lab	33.59, 16.38, 6.74
CIE LCh	34, 17.709, 22.354
Yxy	7.8117, 0.3905, 0.3292
Android (android.graphics.Color)	4285220165 (0xFF6B4545)
YUV	80.3620, -5.6015, 23.3615
Hunter-Lab	27.9494, 10.2642, 5.4584

Details

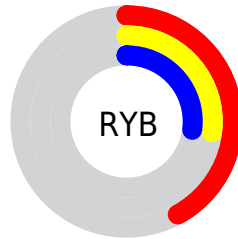
The Hex color **6B4545** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **456B6B**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **A07675**, and **3A191A** is the 20% darker color. If you saturate the color by 10%, you get **6B3A3A**, and if you desaturate by 10%, it is **6B5050**.

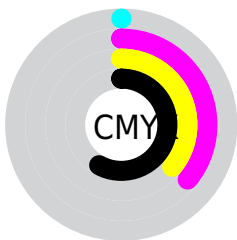
Distribution



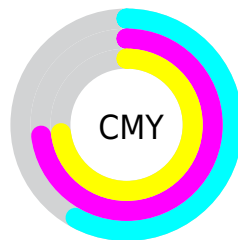
- Red (42%)
- Green (27%)
- Blue (27%)



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



- Cyan (0%)
- Magenta (36%)
- Yellow (36%)
- Black (58%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 6B4545 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 6B4545 by changing the saturation by 10% instead.



6B4545



6B4545

FFFFFF



522E2F



A07675



3A191A



BB8F8F



260000



D7AAA9



000000



F4C5C4



FFE1E0

FFFEFD



6B4545



6B4545



6B3A3A



6B5050

 6B3030

 6B5A5A

 6B2525

 6B6565

 6B1A1A

 6B7070


 6B0F0F

 6B7B7B

 6B0505

 6B8585

 6B0000

 6B9090

 6B9B9B

 6BA5A5

Harmonies

Analogous

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



684553



6B4545



664839

Triad

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



6B4545



3E553D



37516A

Complementary

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



6B4545



456B6B

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.



255565



6B4545



2E564B

Square

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



6B4545



4E5135



225759



4C4D69

Rectangle

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



6B4545



604B35



225759



305369

Sweetspot

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



6B4545



8C7D7D



6B456B



473E3E



C7C7C7



474747

Same Dimension

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



6B4545



8C5050



6B5845



363030



750000



F50000

Inverse Universe

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



456B6B



508C8C



45586B



303636



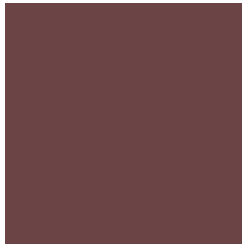
007575



00F5F5

Previews

White Background



This preview shows how the Hex color 6B4545 looks on a white background.

Color Contrast Check

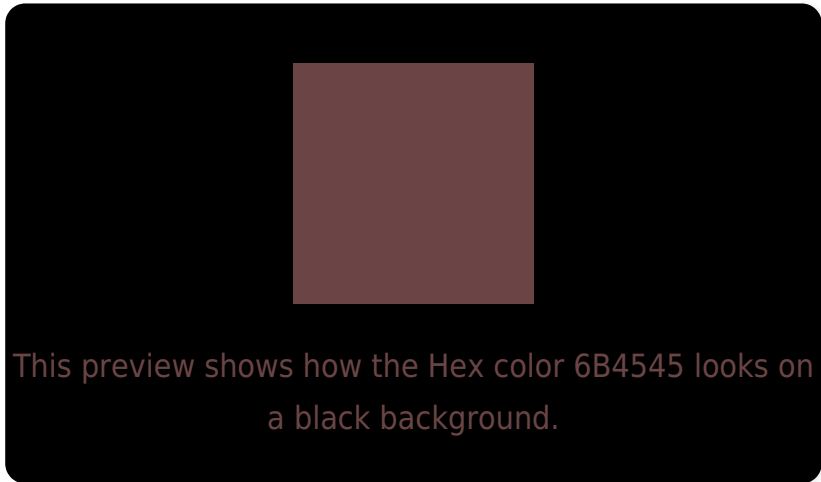
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B4545 Background



This preview shows how black text looks on a background with the Hex color 6B4545.



This preview shows how white text looks on a background with the Hex color 6B4545.

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
6B4545

Protanopia
524F4A

Deuteranopia
5B4C44



Tritanopia
6B4449

Trichromacy



Original Color
6B4545

Protanomaly
5B4B48

Deuteranomaly
614944

Tritanomaly
6B4448

Monochromacy



Original Color
6B4545

Achromatopsia
505050

Achromatomaly
5A4C4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B4545 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 #6B4545 looks like.

```
.text, #text, p{  
    color:#6B4545  
}
```

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 #6B4545 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B4545
}
```

Border

The CSS property to change the border of an element to Hex 6B4545 is called "border". The border property can be set on classes, ids or directly on the HTML element.

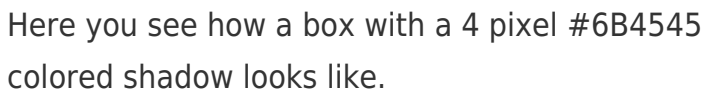
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B4545 }
```

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

```
.border{ border-color:#6B4545 }
```

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



Here you see how a box with a 4 pixel #6B4545 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B4545; -webkit-box-shadow:4px 4px  
4px 4px #6B4545; box-shadow:4px 4px 4px  
4px #6B4545 }
```

Background

The CSS property to change the background color of an element to Hex 6B4545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B4545 }
```

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

```
.background{ background-color:#6B4545 }
```

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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