

Converting Colors

Hex(67452A)

Have a look what the booklet for
Hex(67452A) contains.

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Color

Hex(67452A)

Conversions

Conversions Part 1

Format	Color
Hex	67452A
RGB	103, 69, 42
RGB Percent	40%, 27%, 16%
CMY	0.5961, 0.7294, 0.8353
CMYK	0.00, 0.33, 0.59, 0.60
HSL	27°, 42%, 28%
HSV	27°, 59%, 40%
XYZ	8.1396, 7.3070, 3.1719
YIQ	76.0880, 28.9310, -1.1890

Conversions

Conversions Part 2

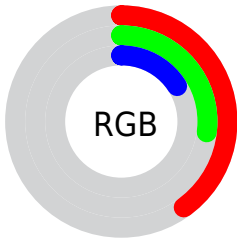
Format	Color
R_{YB}	103, 90, 42
Decimal	6767914
CIE _{Lab}	32.50, 11.36, 22.07
CIE _{LCh}	32, 24.824, 62.777
Yxy	7.3070, 0.4372, 0.3925
Android (android.graphics.Color)	4284957994 (0xFF67452A)
YUV	76.0880, -16.8054, 23.6018
Hunter-Lab	27.0314, 6.4440, 11.9649

Details

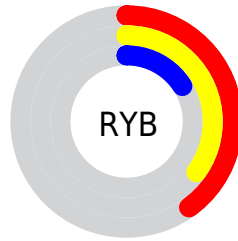
The Hex color **67452A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2A4C67**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **9C7558**, and **361900** is the 20% darker color. If you saturate the color by 10%, you get **673F20**, and if you desaturate by 10%, it is **674B34**.

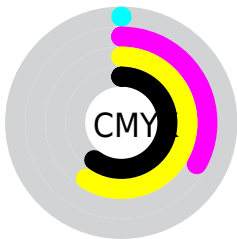
Distribution



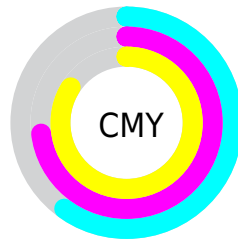
- Red (40%)
- Green (27%)
- Blue (16%)



- Red (40%)
- Yellow (35%)
- Blue (16%)



- Cyan (0%)
- Magenta (33%)
- Yellow (59%)
- Black (60%)



- Cyan (60%)
- Magenta (73%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67452A 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 67452A by changing the saturation by 10% instead.

 67452A

 67452A

FFFFFF

 4E2F15

 9C7558

 361900

 B88F71

 1E0000

 D4A98A

 000000

 F1C5A5

 FFE1C0

 FFFDDC

 FFFFF8

 67452A

 67452A

■ 673F20

■ 674B34

■ 673A15

■ 67503F

■ 67340B

■ 675649

■ 672E01

■ 675C53

■ 672E00

■ 67625E

■ 676768

■ 676D72

■ 67737C

■ 677987

Harmonies

Analogous

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



713F38



67452A



574C25

Triad

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



67452A



01574E



51476D

Complementary

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



67452A



2A4C67

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.



314E73



67452A



005661

Square

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



67452A



2A553A



00536F



66405F

Rectangle

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



67452A



4A5027



00536F



474970

Sweetspot

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



67452A



877A6F



672A4D



453C36



C4C4C4



454545

Same Dimension

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



67452A



875227



67632A



33302E



733300



F26B00

Inverse Universe

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



2A4C67



275D87



2A2E67



2E3133



004073



0087F2

Previews

White Background



This preview shows how the Hex color 67452A looks on a white background.

Color Contrast Check

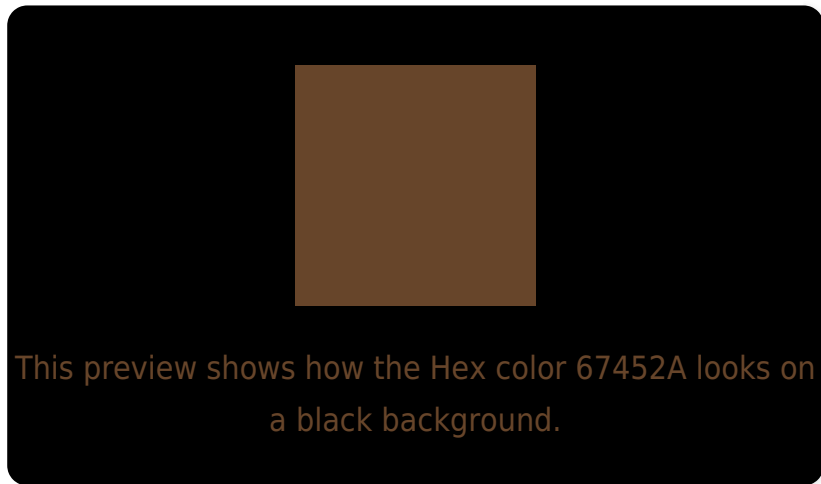
Large Text (above 18pt) WCAG AA ✓ Pass

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 67452A Background



This preview shows how black text looks on a background with the Hex color 67452A.

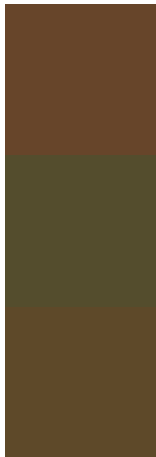


This preview shows how white text looks on a background with the Hex color 67452A.

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
67452A

Protanopia
544D2D

Deuteranopia
5E4929



Tritanopia
694246

Trichromacy



Original Color
67452A

Protanomaly
5B4A2C

Deuteranomaly
614829

Tritanomaly
68433C

Monochromacy



Original Color
67452A

Achromatopsia
4C4C4C

Achromatomaly
564940

CSS Examples

Text

The CSS property to change the color of the text to Hex 67452A 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 #67452A looks like.

```
.text, #text, p{  
    color:#67452A  
}
```

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 #67452A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67452A
}
```

Border

The CSS property to change the border of an element to Hex 67452A is called "border". The border property can be set on classes, ids or directly on the HTML element.

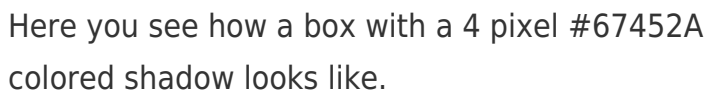
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67452A }
```

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

```
.border{ border-color:#67452A }
```

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



Here you see how a box with a 4 pixel #67452A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67452A; -webkit-box-shadow:4px 4px  
4px 4px #67452A; box-shadow:4px 4px 4px  
4px #67452A }
```

Background

The CSS property to change the background color of an element to Hex 67452A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67452A }
```

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

```
.background{ background-color:#67452A }
```

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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