

# Converting Colors

Hex(725144)

Have a look what the booklet for  
Hex(725144) contains.

<b>Hex(725144)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(725144)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	725144
RGB	114, 81, 68
RGB Percent	45%, 32%, 27%
CMY	0.5529, 0.6824, 0.7333
CMYK	0.00, 0.29, 0.40, 0.55
HSL	17°, 25%, 36%
HSV	17°, 40%, 45%
XYZ	10.9252, 9.8796, 6.8000
YIQ	89.3850, 23.8410, 2.9530

# Conversions

## Conversions Part 2

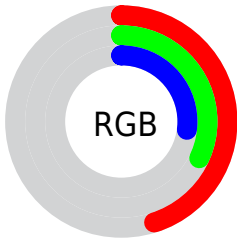
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 86, 68
Decimal	7491908
CIE <sub>Lab</sub>	37.63, 11.96, 13.11
CIE <sub>LCh</sub>	38, 17.747, 47.611
Yxy	9.8796, 0.3958, 0.3579
Android (android.graphics.Color)	4285681988 (0xFF725144)
YUV	89.3850, -10.5428, 21.5874
Hunter-Lab	31.4319, 7.0382, 9.1755

# Details

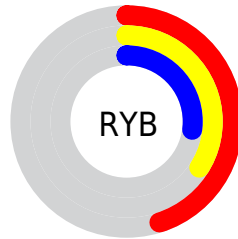
The Hex color **725144** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **446572**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **A78274**, and **402419** is the 20% darker color. If you saturate the color by 10%, you get **724939**, and if you desaturate by 10%, it is **72594F**.

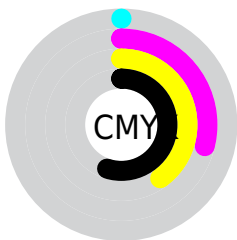
# Distribution



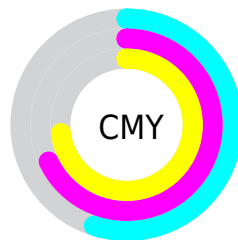
- Red (45%)
- Green (32%)
- Blue (27%)



- Red (45%)
- Yellow (34%)
- Blue (27%)



- Cyan (0%)
- Magenta (29%)
- Yellow (40%)
- Black (55%)



- Cyan (55%)
- Magenta (68%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 725144 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 725144 by changing the saturation by 10% instead.



 725144

 725144

FFFFFF

 593A2E

 A78274

 402419

 C39D8E

 2A1000

 DFB7A8

 050000

 FCD3C3

 000000

 FFEFDF

FFFFFFC

 725144

 725144

 724939

 72594F

 72412D

 72615B

 723822

 726A66

 723016

 727272

 72280B

 727A7D

 722000

 728288

 728A94

 72929F

 729BAB

# Harmonies

## Analogous

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



754E51



725144



68563D

# Triad

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



725144



3A6052



525774

# Complementary

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



725144



446572

# 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.



3E5C74



725144



2E6061

# Square

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



725144



4A5E45



2E5F6D



65526C

# Rectangle

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



725144



5F593C



2E5F6D



4C5975



# Sweetspot

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



725144



948782



724466



4A4340



C9C9C9



4A4A4A



# Same Dimension

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



725144



94614D



726744



383432



782200



F74600



# Inverse Universe

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



446572



4D8094



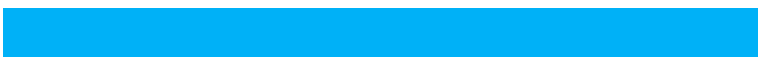
444F72



323738



005678



00B1F7



# Previews

## White Background



This preview shows how the Hex color 725144 looks on a white background.

## Color Contrast Check

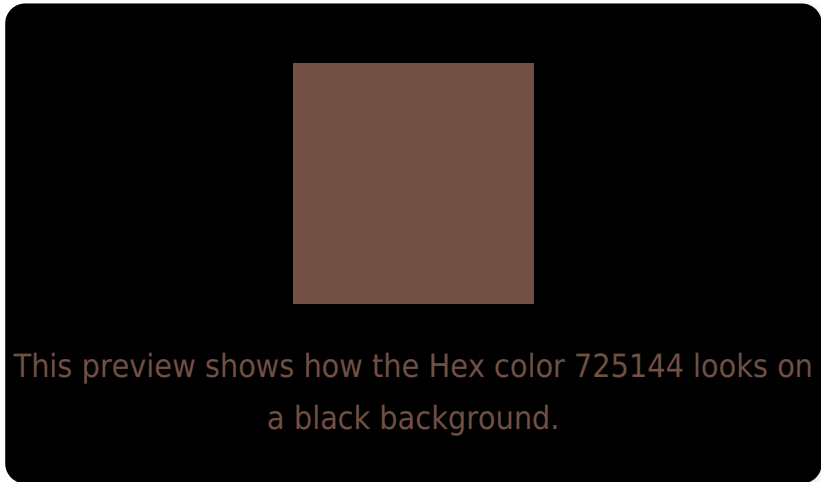
Large Text (above 18pt) WCAG AA ✓ Pass

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 725144 Background



This preview shows how black text looks on a background with the Hex color 725144.

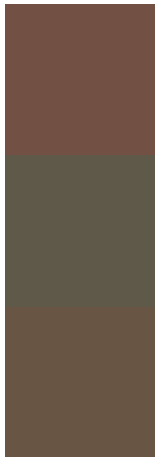


This preview shows how white text looks on a background with the Hex color 725144.

# 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**  
725144

**Protanopia**  
5E5948

**Deuteranopia**  
695543



**Tritanopia**  
744F55

# Trichromacy



**Original Color**  
725144

**Protanomaly**  
655647

**Deuteranomaly**  
6C5443

**Tritanomaly**  
73504F

# Monochromacy



**Original Color**  
725144

**Achromatopsia**  
595959

**Achromatomaly**  
625651

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 725144 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 #725144 looks like.

```
.text, #text, p{  
    color:#725144  
}
```

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 #725144 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #725144
}
```

## Border

The CSS property to change the border of an element to Hex 725144 is called "border". The border property can be set on classes, ids or directly on the HTML element.

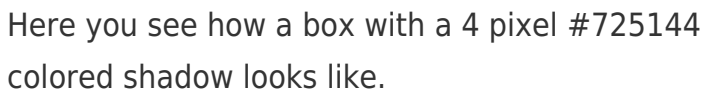
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#725144 }
```

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

```
.border{ border-color:#725144 }
```

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



Here you see how a box with a 4 pixel #725144 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #725144; -webkit-box-shadow:4px 4px  
4px 4px #725144; box-shadow:4px 4px 4px  
4px #725144 }
```

# Background

The CSS property to change the background color of an element to Hex 725144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#725144 }
```

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

```
.background{ background-color:#725144 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor