

Converting Colors

Hex(721E37)

Have a look what the booklet for
Hex(721E37) contains.

Hex(721E37)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(721E37)

Conversions

Conversions Part 1

Format	Color
Hex	721E37
RGB	114, 30, 55
RGB Percent	45%, 12%, 22%
CMY	0.5529, 0.8824, 0.7843
CMYK	0.00, 0.74, 0.52, 0.55
HSL	342°, 58%, 28%
HSV	342°, 74%, 45%
XYZ	8.0933, 4.7818, 4.1108
YIQ	57.9660, 42.0390, 25.5830

Conversions

Conversions Part 2

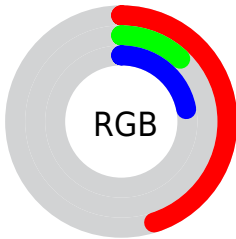
Format	Color
R_{YB}	114, 30, 55
Decimal	7478839
CIE Lab	26.10, 38.49, 5.50
CIE LCh	26, 38.880, 8.130
Yxy	4.7818, 0.4765, 0.2815
Android (android.graphics.Color)	4285668919 (0xFF721E37)
YUV	57.9660, -1.4622, 49.1418
Hunter-Lab	21.8673, 27.7967, 4.1612

Details

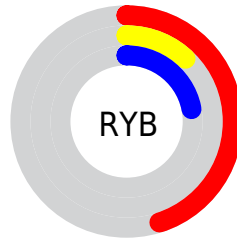
The Hex color **721E37** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1E7259**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **AA5166**, and **3D000B** is the 20% darker color. If you saturate the color by 10%, you get **72132F**, and if you desaturate by 10%, it is **72293F**.

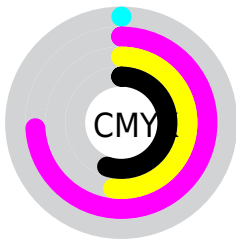
Distribution



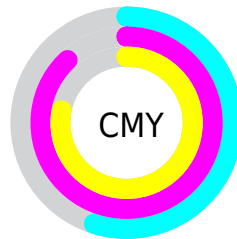
- Red (45%)
- Green (12%)
- Blue (22%)



- Red (45%)
- Yellow (12%)
- Blue (22%)



- Cyan (0%)
- Magenta (74%)
- Yellow (52%)
- Black (55%)



- Cyan (55%)
- Magenta (88%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 721E37 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 721E37 by changing the saturation by 10% instead.

 721E37

 721E37

FFFFFF

 570022

 AA5166

 3D000B

 C66B7E

 230001

 E48598

 000000

 FFA0B3

 FFBBCE

 FFD8EB

 FFF5FF

 721E37

 721E37

 72132F

 72293F

 720727

 723547

 720022

 72404F

 724C57

 72575F

 726267

 726E6F

 727977

 72857F

Harmonies

Analogous

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



672454



721E37



6D271B

Triad

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



721E37



244608



004775

Complementary

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



721E37



1E7259

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.



004B62



721E37



004A26

Square

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



721E37



443F00



004B45



003F79

Rectangle

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



721E37



633009



004B45



004870

Sweetspot

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



721E37



94737D



591E72



4A373C



C9C9C9



4A4A4A

Same Dimension

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



721E37



941238



722F1E



383234



780024



F7004A

Inverse Universe

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



721E37



941238



1E6172



383234



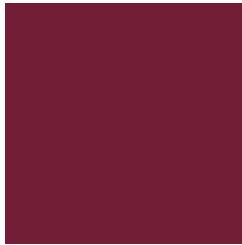
780024



F7004A

Previews

White Background



This preview shows how the Hex color 721E37 looks on a white background.

Color Contrast Check

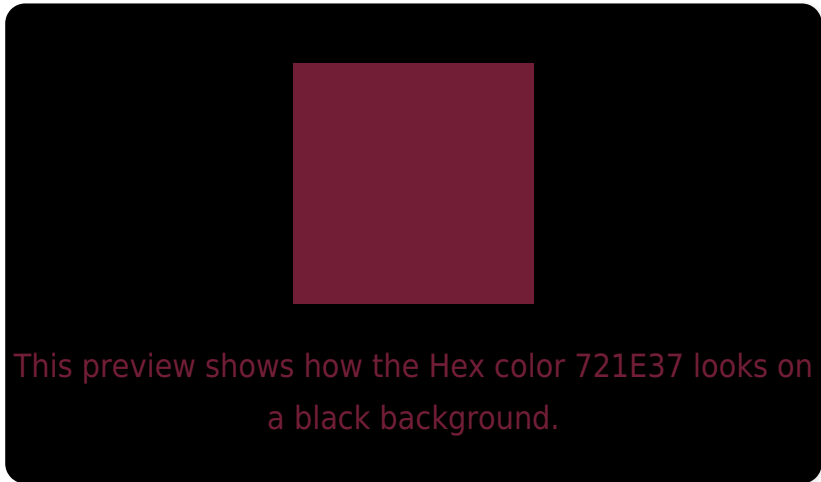
Large Text (above 18pt) WCAG AA ✓ Pass

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 721E37 Background



This preview shows how black text looks on a background with the Hex color 721E37.

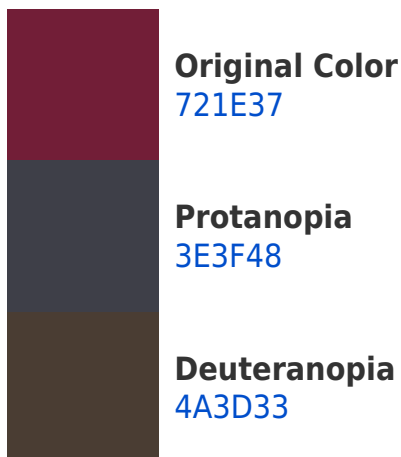


This preview shows how white text looks on a background with the Hex color 721E37.

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





Tritanopia
712224

Trichromacy



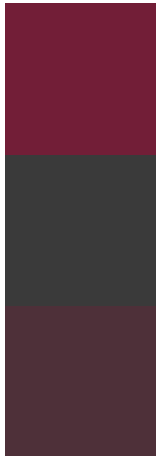
Original Color
721E37

Protanomaly
513342

Deuteranomaly
593234

Tritanomaly
71212B

Monochromacy



Original Color
721E37

Achromatopsia
3A3A3A

Achromatomaly
4E3039

CSS Examples

Text

The CSS property to change the color of the text to Hex 721E37 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 #721E37 looks like.

```
.text, #text, p{  
    color:#721E37  
}
```

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 #721E37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #721E37
}
```

Border

The CSS property to change the border of an element to Hex 721E37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

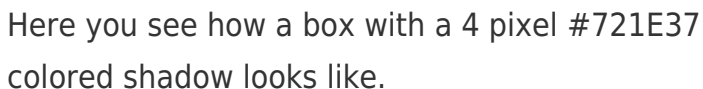
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#721E37 }
```

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

```
.border{ border-color:#721E37 }
```

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



Here you see how a box with a 4 pixel #721E37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #721E37; -webkit-box-shadow:4px 4px  
4px 4px #721E37; box-shadow:4px 4px 4px  
4px #721E37 }
```

Background

The CSS property to change the background color of an element to Hex 721E37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#721E37 }
```

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

```
.background{ background-color:#721E37 }
```

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