

Converting Colors

Hex(743457)

Have a look what the booklet for
Hex(743457) contains.

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Color

Hex(743457)

Conversions

Conversions Part 1

Format	Color
Hex	743457
RGB	116, 52, 87
RGB Percent	45%, 20%, 34%
CMY	0.5451, 0.7961, 0.6588
CMYK	0.00, 0.55, 0.25, 0.55
HSL	327°, 38%, 33%
HSV	327°, 55%, 45%
XYZ	10.1508, 6.8571, 9.8054
YIQ	75.1260, 26.9090, 24.4530

Conversions

Conversions Part 2

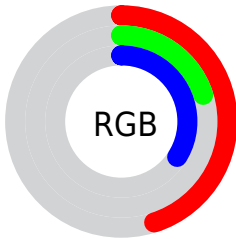
Format	Color
R_{YB}	116, 52, 87
Decimal	7615575
CIE _{Lab}	31.48, 32.57, -7.79
CIE _{LCh}	31, 33.488, 346.557
Yxy	6.8571, 0.3786, 0.2557
Android (android.graphics.Color)	4285805655 (0xFF743457)
YUV	75.1260, 5.8539, 35.8465
Hunter-Lab	26.1861, 23.3680, -3.8709

Details

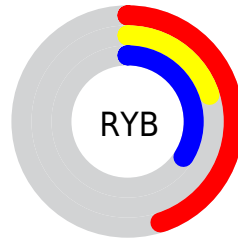
The Hex color **743457** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **347451**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **AA6589**, and **41022A** is the 20% darker color. If you saturate the color by 10%, you get **742852**, and if you desaturate by 10%, it is **74405C**.

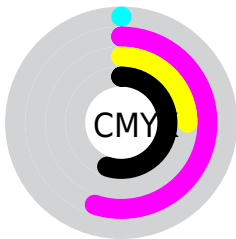
Distribution



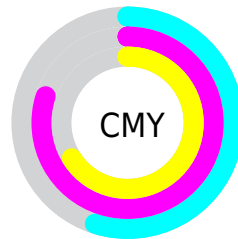
- Red (45%)
- Green (20%)
- Blue (34%)



- Red (45%)
- Yellow (20%)
- Blue (34%)



- Cyan (0%)
- Magenta (55%)
- Yellow (25%)
- Black (55%)



- Cyan (55%)
- Magenta (80%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 743457 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 743457 by changing the saturation by 10% instead.

743457

743457

FFFFFF

5A1C40

AA6589

41022A

C67FA3

2C0016

E299BE

000000

FFB5DA

FFD1F6

FFEDFF

743457

743457

742852

74405C

741D4C

744B62

741147

745767

740642

74626C

74003F

746E71

747A77

74857C

749181

749C86

Harmonies

Analogous

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



5E3D6E



743457



7A333D

Triad

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



743457



4A4D14



005570

Complementary

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



743457



347451

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.



005758



743457



2C5324

Square

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



743457



624515



00563D



00507D

Rectangle

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



743457



77372C



00563D



005669

Sweetspot

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



743457



967D8B



513474



4D3D46



CCCCCC



4D4D4D

Same Dimension

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



743457



963369



743437



3B3538



7A0043



FA0089

Inverse Universe

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



743457



963369



347471



3B3538



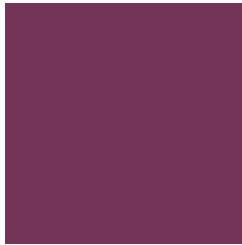
7A0043



FA0089

Previews

White Background



This preview shows how the Hex color 743457 looks on a white background.

Color Contrast Check

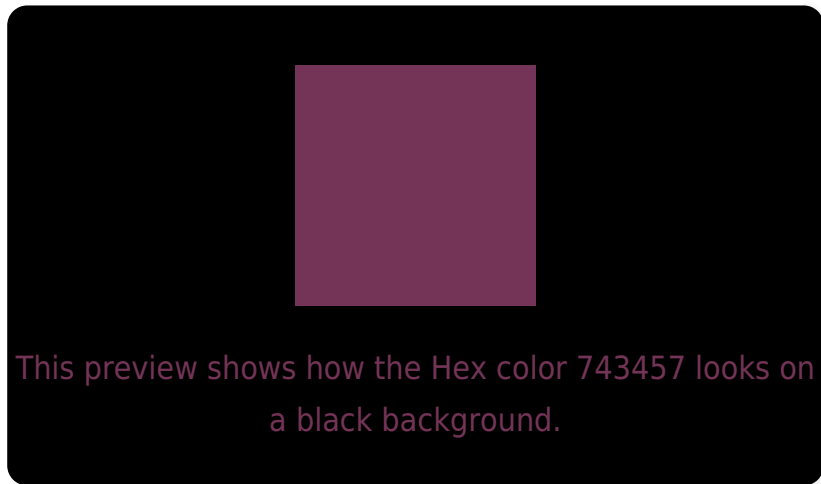
Large Text (above 18pt) WCAG AA ✓ Pass

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

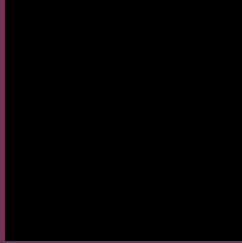
Any Text WCAG AA × Fail

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 743457 Background



This preview shows how black text looks on a background with the Hex color 743457.



This preview shows how white text looks on a background with the Hex color 743457.

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
743457

Protanopia
434A66

Deuteranopia
4E4954



Tritanopia
72393E

Trichromacy



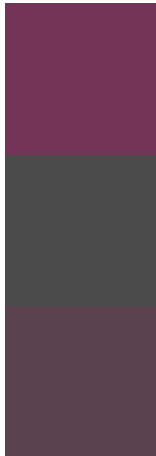
Original Color
743457

Protanomaly
554261

Deuteranomaly
5C4155

Tritanomaly
733747

Monochromacy



Original Color
743457

Achromatopsia
4B4B4B

Achromatomaly
5A434F

CSS Examples

Text

The CSS property to change the color of the text to Hex 743457 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 #743457 looks like.

```
.text, #text, p{  
    color:#743457  
}
```

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 #743457 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #743457
}
```

Border

The CSS property to change the border of an element to Hex 743457 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
#743457 }
```

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

```
.border{ border-color:#743457 }
```

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

Here you see how a box with a 4 pixel #743457 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #743457; -webkit-box-shadow:4px 4px  
4px 4px #743457; box-shadow:4px 4px 4px  
4px #743457 }
```

Background

The CSS property to change the background color of an element to Hex 743457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#743457 }
```

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

```
.background{ background-color:#743457 }
```

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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