

Converting Colors

Hex(734BA7)

Have a look what the booklet for
Hex(734BA7) contains.

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Color

Hex(734BA7)

Conversions

Conversions Part 1

Format	Color
Hex	734BA7
RGB	115, 75, 167
RGB Percent	45%, 29%, 65%
CMY	0.5490, 0.7059, 0.3451
CMYK	0.31, 0.55, 0.00, 0.35
HSL	266°, 38%, 47%
HSV	266°, 55%, 65%
XYZ	16.5614, 11.4670, 37.8997
YIQ	97.4480, -5.6920, 37.0920

Conversions

Conversions Part 2

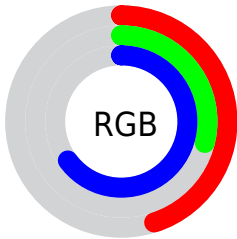
Format	Color
R_{YB}	115, 75, 167
Decimal	7556007
CIE _{Lab}	40.36, 36.35, -43.52
CIE _{LCh}	40, 56.708, 309.873
Yxy	11.4670, 0.2512, 0.1739
Android (android.graphics.Color)	4285746087 (0xFF734BA7)
YUV	97.4480, 34.2891, 15.3931
Hunter-Lab	33.8630, 28.0387, -42.6537

Details

The Hex color **734BA7** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7FA74B**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **AA7DDF**, and **3E1C72** is the 20% darker color. If you saturate the color by 10%, you get **6A3AA7**, and if you desaturate by 10%, it is **7C5CA7**.

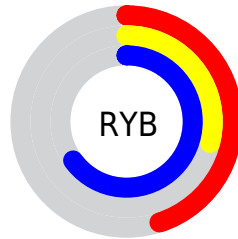
Distribution



Red (45%)

Green (29%)

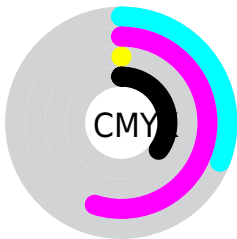
Blue (65%)



Red (45%)

Yellow (29%)

Blue (65%)

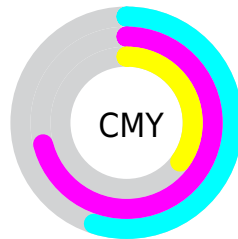


Cyan (31%)

Magenta (55%)

Yellow (0%)

Black (35%)



Cyan (55%)

Magenta (71%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 734BA7 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 734BA7 by changing the saturation by 10% instead.

734BA7

734BA7

FFFFFF

59338C

AA7DDF

3E1C72

C697FC

240459

E2B3FF

0E0041

FFCEFF

00032A

FFEBFF

000114

000000

734BA7

734BA7

6A3AA7

7C5CA7

602AA7

866CA7

5719A7

8F7DA7

4D08A7

998EA7

4900A7

A29EA7

ACAFA7

B5C0A7

BFD1A7

C8E1A7

Harmonies

Analogous

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



0060BB



734BA7



A13380

Triad

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



734BA7



8C5100



00746E

Complementary

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



734BA7



7FA74B

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.



00723D



734BA7



656200

Square

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



734BA7



A73B25



316C08



00739A

Rectangle

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



734BA7



AE2961



316C08



00735E

Sweetspot

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



734BA7



C4B4D9



4B7FA7



61586E



EDEDED



6E6E6E

Same Dimension

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



734BA7



884AD9



A14BA7



4F4C54



400094



090014

Inverse Universe

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



A74B7F



D94A9B



51A74B



544C50



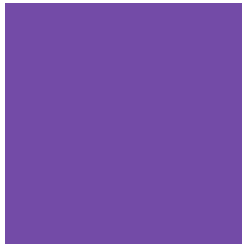
940054



14000C

Previews

White Background



This preview shows how the Hex color 734BA7 looks on a white background.

Color Contrast Check

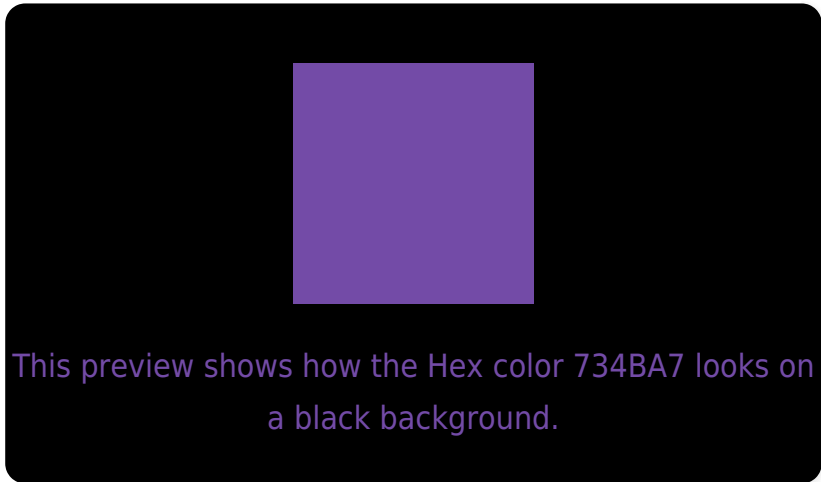
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

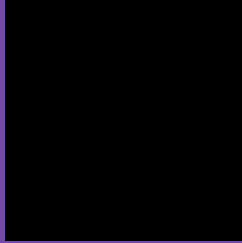
Any Text WCAG AA × Fail

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 734BA7 Background



This preview shows how black text looks on a background with the Hex color 734BA7.

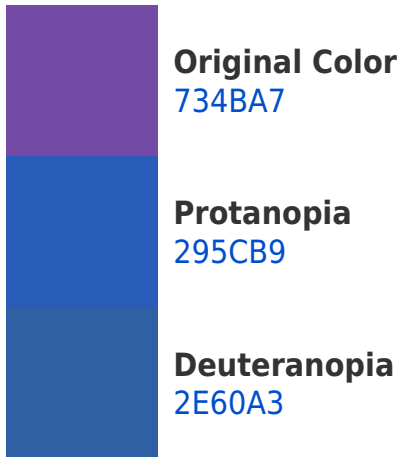


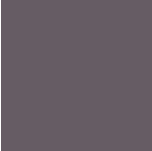
This preview shows how white text looks on a background with the Hex color 734BA7.

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
665C64

Trichromacy



Original Color

734BA7



Protanomaly

4456B2



Deuteranomaly

4758A4



Tritanomaly

6B567C

Monochromacy



Original Color

734BA7



Achromatopsia

616161



Achromatomaly

68597A

CSS Examples

Text

The CSS property to change the color of the text to Hex 734BA7 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 #734BA7 looks like.

```
.text, #text, p{  
    color:#734BA7  
}
```

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 #734BA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #734BA7  
}
```

Border

The CSS property to change the border of an element to Hex 734BA7 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  
#734BA7 }
```

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

```
.border{ border-color:#734BA7 }
```

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

Here you see how a box with a 4 pixel #734BA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #734BA7; -webkit-box-shadow:4px 4px  
4px 4px #734BA7; box-shadow:4px 4px 4px  
4px #734BA7 }
```

Background

The CSS property to change the background color of an element to Hex 734BA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#734BA7 }
```

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

```
.background{ background-color:#734BA7 }
```

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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