

Converting Colors

Hex(0734A5)

Have a look what the booklet for
Hex(0734A5) contains.

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Color

Hex(0734A5)

Conversions

Conversions Part 1

Format	Color
Hex	0734A5
RGB	7, 52, 165
RGB Percent	3%, 20%, 65%
CMY	0.9725, 0.7961, 0.3529
CMYK	0.96, 0.68, 0.00, 0.35
HSL	223°, 92%, 34%
HSV	223°, 96%, 65%
XYZ	8.1071, 5.2178, 36.1771
YIQ	51.4270, -63.0930, 25.6030

Conversions

Conversions Part 2

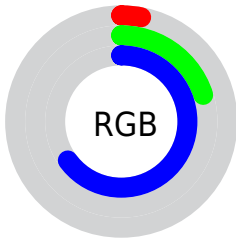
Format	Color
RYB	7, 42, 165
Decimal	472229
CIELab	27.35, 33.26, -63.79
CIELCh	27, 71.938, 297.537
Yxy	5.2178, 0.1638, 0.1054
Android (android.graphics.Color)	4278662309 (0xFF0734A5)
YUV	51.4270, 55.9915, -38.9625
Hunter-Lab	22.8424, 23.3783, -77.9120

Details

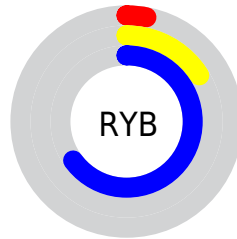
The Hex color **0734A5** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **A57807**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **5C62DD**, and **000D70** is the 20% darker color. If you saturate the color by 10%, you get **002FA5**, and if you desaturate by 10%, it is **1840A5**.

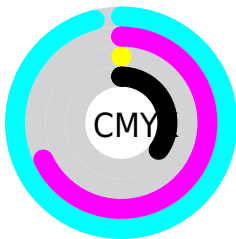
Distribution



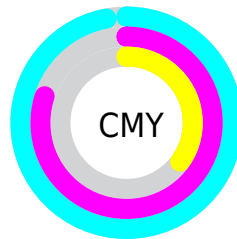
- Red (3%)
- Green (20%)
- Blue (65%)



- Red (3%)
- Yellow (16%)
- Blue (65%)



- Cyan (96%)
- Magenta (68%)
- Yellow (0%)
- Black (35%)



- Cyan (97%)
- Magenta (80%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0734A5 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 0734A5 by changing the saturation by 10% instead.

■ 0734A5

■ 0734A5

FFFFFF

■ 001F8A

■ 5C62DD

■ 000D70

■ 7A7BFA

■ 000057

■ 9895FF

■ 00063E

■ B6B0FF

■ 000327

■ D3CBFF

■ 000111

■ F2E7FF

■ 000000

■ 0734A5

■ 0734A5

■ 002FA5

■ 1840A5

■ 284CA5

■ 3957A5

■ 4963A5

■ 5A6FA5

■ 6A7BA5

■ 7A87A5

■ 8B92A5

■ 9B9EA5

Harmonies

Analogous

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



004BB2



0734A5



7A007D

Triad

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



0734A5



7C1F00



00543A

Complementary

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



0734A5



A57807

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.



005200



0734A5



543D00

Square

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



0734A5



960013



184B00



005573

Rectangle

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



0734A5



92005A



184B00



005327

Sweetspot

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



0734A5



98AAD6



07A576



46506B



EBEBEB



6B6B6B

Same Dimension

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



0734A5



003DD6



2707A5



494C52



002991



000512

Inverse Universe

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



A50734



D6003D



85A507



52494C



910029



120005

Previews

White Background



This preview shows how the Hex color 0734A5 looks on a white background.

Color Contrast Check

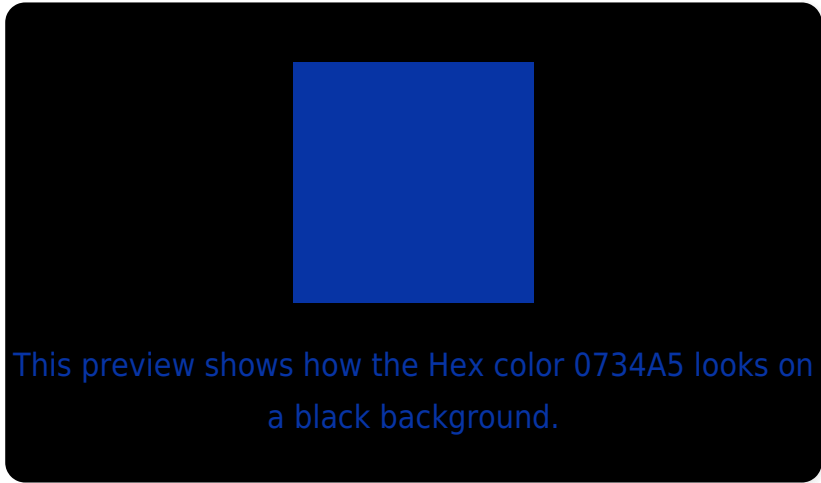
Large Text (above 18pt) WCAG AA ✓ Pass

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

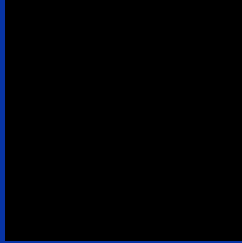
Any Text WCAG AA × Fail

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 0734A5 Background



This preview shows how black text looks on a background with the Hex color 0734A5.



This preview shows how white text looks on a background with the Hex color 0734A5.

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
0734A5

Protanopia
003F84

Deuteranopia
004370



Tritanopia
00484C

Trichromacy



Original Color
0734A5

Protanomaly
033B90

Deuteranomaly
033E83

Tritanomaly
03416C

Monochromacy



Original Color
0734A5

Achromatopsia
333333

Achromatomaly
23335C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0734A5 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 #0734A5 looks like.

```
.text, #text, p{  
    color:#0734A5  
}
```

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 #0734A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0734A5
}
```

Border

The CSS property to change the border of an element to Hex 0734A5 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
#0734A5 }
```

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

```
.border{ border-color:#0734A5 }
```

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

Here you see how a box with a 4 pixel #0734A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0734A5; -webkit-box-shadow:4px 4px  
4px 4px #0734A5; box-shadow:4px 4px 4px  
4px #0734A5 }
```

Background

The CSS property to change the background color of an element to Hex 0734A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0734A5 }
```

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

```
.background{ background-color:#0734A5 }
```

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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