

Converting Colors

Hex(737DA5)

Have a look what the booklet for
Hex(737DA5) contains.

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Color

Hex(737DA5)

Conversions

Conversions Part 1

Format	Color
Hex	737DA5
RGB	115, 125, 165
RGB Percent	45%, 49%, 65%
CMY	0.5490, 0.5098, 0.3529
CMYK	0.30, 0.24, 0.00, 0.35
HSL	228°, 22%, 55%
HSV	228°, 30%, 65%
XYZ	21.1954, 21.0287, 38.5391
YIQ	126.5700, -18.8000, 10.3200

Conversions

Conversions Part 2

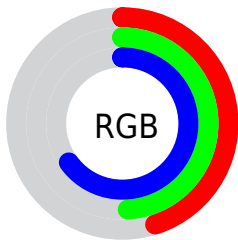
Format	Color
R_{YB}	115, 123, 165
Decimal	7568805
CIE _{Lab}	52.98, 5.87, -22.54
CIE _{LCh}	53, 23.295, 284.607
Yxy	21.0287, 0.2624, 0.2604
Android (android.graphics.Color)	4285758885 (0xFF737DA5)
YUV	126.5700, 18.9460, -10.1469
Hunter-Lab	45.8570, 2.2539, -17.7285

Details

The Hex color **737DA5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A59B73**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **A8B1DC**, and **414C71** is the 20% darker color. If you saturate the color by 10%, you get **6270A5**, and if you desaturate by 10%, it is **848AA5**.

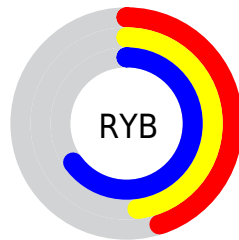
Distribution



Red (45%)

Green (49%)

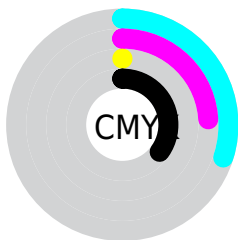
Blue (65%)



Red (45%)

Yellow (48%)

Blue (65%)

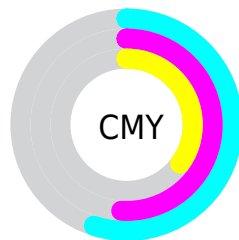


Cyan (30%)

Magenta (24%)

Yellow (0%)

Black (35%)



Cyan (55%)

Magenta (51%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 737DA5 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 737DA5 by changing the saturation by 10% instead.

■ 737DA5

■ 737DA5

FFFFFF

■ 5A648B

■ A8B1DC

■ 414C71

■ C4CDF9

■ 293658

■ E0E9FF

■ 102141

FDFFFF

■ 00092B

■ 000115

■ 000000

■ 737DA5

■ 737DA5

■ 6270A5

■ 848AA5

■ 5263A5

■ 9497A5

■ 4255A5

■ A4A5A5

■ 3148A5

■ B5B2A5

■ 203BA5

■ C5BFA5

■ 102EA5

■ D6CCA5

■ 0021A5

■ E6D9A5

■ F7E7A5

■ FFF4A5

Harmonies

Analogous

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



5683A5



737DA5



8E769B

Triad

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



737DA5



A37363



558973

Complementary

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



737DA5



A59B73

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.



6C8661



737DA5



967A58

Square

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



737DA5



A77075



838057



438A88

Rectangle

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



737DA5



9B7290



838057



5D886D

Sweetspot

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



737DA5



C3C7D6



73A59B



5F626B



EBEBEB



6B6B6B

Same Dimension

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



737DA5



8999D6



8273A5



494B52



001D91



000412

Inverse Universe

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



A5737D



D68999



96A573



52494B



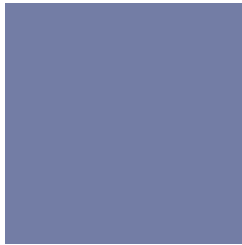
91001D



120004

Previews

White Background



This preview shows how the Hex color 737DA5 looks on a white background.

Color Contrast Check

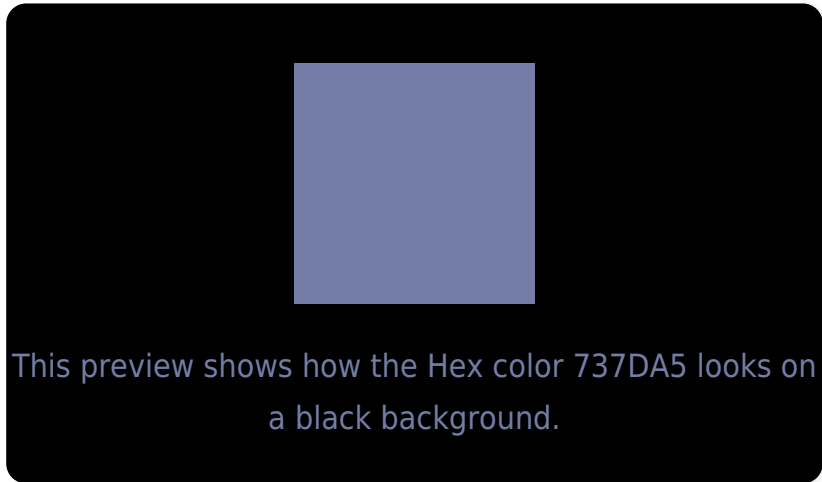
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

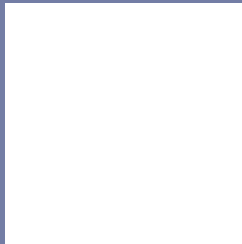
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 737DA5 Background



This preview shows how black text looks on a background with the Hex color 737DA5.



This preview shows how white text looks on a background with the Hex color 737DA5.

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](#).

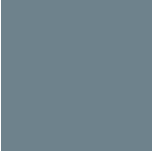
Dichromacy



Original Color
737DA5

Protanopia
747DA5

Deuteranopia
767CA5



Tritanopia
6E828C

Trichromacy



Original Color
737DA5

Protanomaly
747DA5

Deuteranomaly
757CA5

Tritanomaly
708095

Monochromacy



Original Color
737DA5

Achromatopsia
7F7F7F

Achromatomaly
7B7E8D

CSS Examples

Text

The CSS property to change the color of the text to Hex 737DA5 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 #737DA5 looks like.

```
.text, #text, p{  
    color:#737DA5  
}
```

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 #737DA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #737DA5
}
```

Border

The CSS property to change the border of an element to Hex 737DA5 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
#737DA5 }
```

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

```
.border{ border-color:#737DA5 }
```

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

Here you see how a box with a 4 pixel #737DA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #737DA5; -webkit-box-shadow:4px 4px  
4px 4px #737DA5; box-shadow:4px 4px 4px  
4px #737DA5 }
```

Background

The CSS property to change the background color of an element to Hex 737DA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#737DA5 }
```

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

```
.background{ background-color:#737DA5 }
```

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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