

Converting Colors

Hex(7240C3)

Have a look what the booklet for
Hex(7240C3) contains.

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Color

Hex(7240C3)

Conversions

Conversions Part 1

Format	Color
Hex	7240C3
RGB	114, 64, 195
RGB Percent	45%, 25%, 76%
CMY	0.5529, 0.7490, 0.2353
CMYK	0.42, 0.67, 0.00, 0.24
HSL	263°, 52%, 51%
HSV	263°, 67%, 76%
XYZ	18.6232, 11.1843, 52.8070
YIQ	93.8840, -12.2510, 51.3410

Conversions

Conversions Part 2

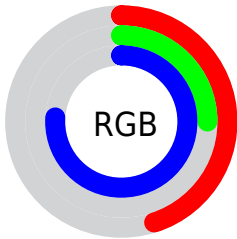
Format	Color
R _Y B	114, 64, 195
Decimal	7487683
CIE Lab	39.89, 49.51, -60.77
CIE LCh	40, 78.386, 309.166
Yxy	11.1843, 0.2254, 0.1354
Android (android.graphics.Color)	4285677763 (0xFF7240C3)
YUV	93.8840, 49.8502, 17.6417
Hunter-Lab	33.4430, 40.8748, -70.2098

Details

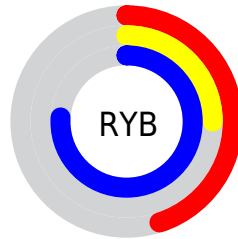
The Hex color **7240C3** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **91C340**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **AB73FC**, and **380B8C** is the 20% darker color. If you saturate the color by 10%, you get **662DC3**, and if you desaturate by 10%, it is **7E54C3**.

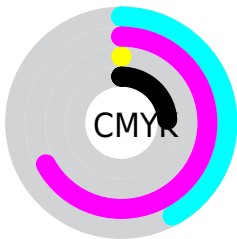
Distribution



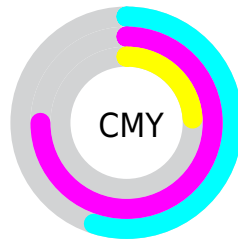
- Red (45%)
- Green (25%)
- Blue (76%)



- Red (45%)
- Yellow (25%)
- Blue (76%)



- Cyan (42%)
- Magenta (67%)
- Yellow (0%)
- Black (24%)



- Cyan (55%)
- Magenta (75%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7240C3 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 7240C3 by changing the saturation by 10% instead.



7240C3



7240C3

FFFFFF



5527A7



AB73FC



380B8C



C88DFF



130072



E6A9FF



000059



FFC4FF



000240



FFE1FF



000329

FFFEFF



000113



000000



7240C3



7240C3

662DC3

7E54C3

5A19C3

8A67C3

4E06C3

967BC3

4A00C3

A28EC3

AEA2C3

BAB5C3

C6C9C3

D2DCC3

DFF0C3

Harmonies

Analogous

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



0061DF



7240C3



B5008D

Triad

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



7240C3



964900



007771

Complementary

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



7240C3



91C340

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.



00752C



7240C3



626200

Square

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



7240C3



BB160C



006F00



0077AF

Rectangle

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



7240C3



C60063



006F00



00775A

Sweetspot

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



7240C3



DDCAFC



4093C3



6D6180



000000



808080

Same Dimension

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



7240C3



7E30FC



B240C3



5B5761



3D00A1



0D0021

Inverse Universe

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



C34091



FC30AE



51C340



61575D



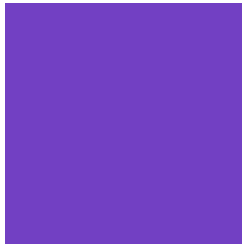
A10063



210014

Previews

White Background



This preview shows how the Hex color 7240C3 looks on a white background.

Color Contrast Check

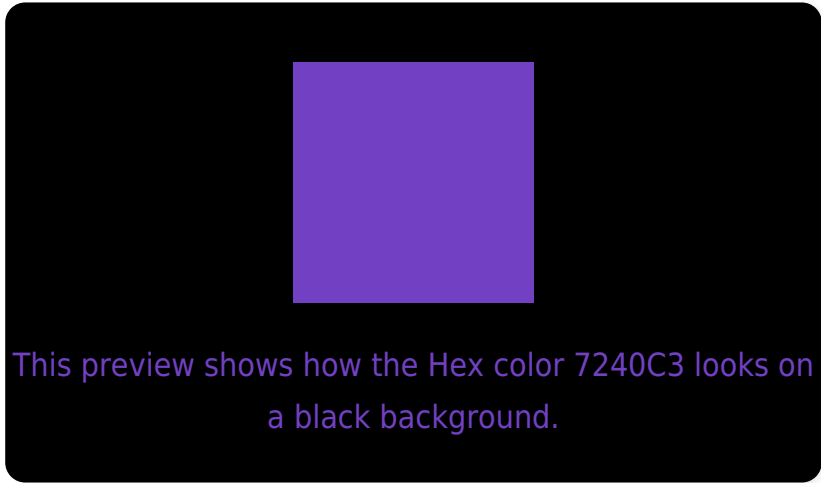
Large Text (above 18pt) WCAG AA ✓ Pass

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

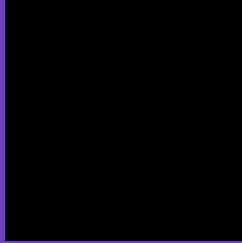
Any Text WCAG AA × Fail

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 7240C3 Background



This preview shows how black text looks on a background with the Hex color 7240C3.

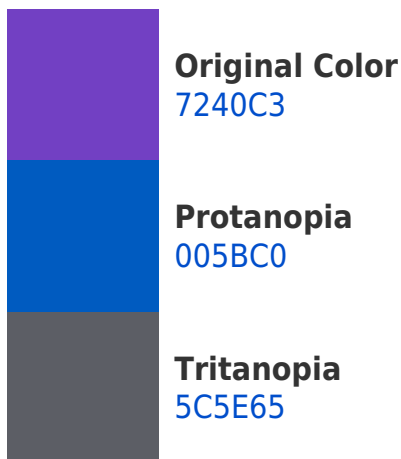


This preview shows how white text looks on a background with the Hex color 7240C3.

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



Trichromacy



Original Color
7240C3



Protanomaly
2951C1

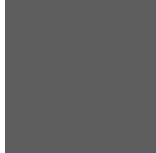


Tritanomaly
645387

Monochromacy



Original Color
7240C3



Achromatopsia
5E5E5E



Achromatomaly
655383

CSS Examples

Text

The CSS property to change the color of the text to Hex 7240C3 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 #7240C3 looks like.

```
.text, #text, p{  
    color:#7240C3  
}
```

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 #7240C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7240C3
}
```

Border

The CSS property to change the border of an element to Hex 7240C3 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
#7240C3 }
```

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

```
.border{ border-color:#7240C3 }
```

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

Here you see how a box with a 4 pixel #7240C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7240C3; -webkit-box-shadow:4px 4px  
4px 4px #7240C3; box-shadow:4px 4px 4px  
4px #7240C3 }
```

Background

The CSS property to change the background color of an element to Hex 7240C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7240C3 }
```

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

```
.background{ background-color:#7240C3 }
```

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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