

Converting Colors

Hex(2744AD)

Have a look what the booklet for
Hex(2744AD) contains.

Hex(2744AD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2744AD)

Conversions

Conversions Part 1

Format	Color
Hex	2744AD
RGB	39, 68, 173
RGB Percent	15%, 27%, 68%
CMY	0.8471, 0.7333, 0.3216
CMYK	0.77, 0.61, 0.00, 0.32
HSL	227°, 63%, 42%
HSV	227°, 77%, 68%
XYZ	10.4466, 7.5827, 40.4482
YIQ	71.2990, -50.9890, 26.5070

Conversions

Conversions Part 2

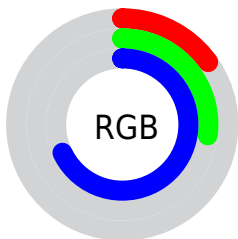
Format	Color
R_{YB}	39, 63, 173
Decimal	2573485
CIE _{Lab}	33.10, 27.88, -59.12
CIE _{LCh}	33, 65.363, 295.244
Yxy	7.5827, 0.1786, 0.1297
Android (android.graphics.Color)	4280763565 (0xFF2744AD)
YUV	71.2990, 50.1386, -28.3262
Hunter-Lab	27.5367, 19.5286, -67.8143

Details

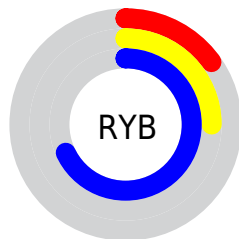
The Hex color **2744AD** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **AD9027**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **6974E5**, and **001A77** is the 20% darker color. If you saturate the color by 10%, you get **1636AD**, and if you desaturate by 10%, it is **3852AD**.

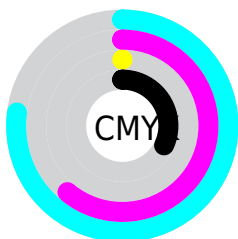
Distribution



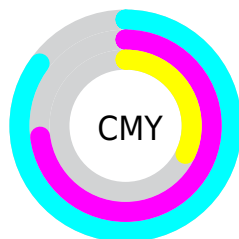
- Red (15%)
- Green (27%)
- Blue (68%)



- Red (15%)
- Yellow (25%)
- Blue (68%)



- Cyan (77%)
- Magenta (61%)
- Yellow (0%)
- Black (32%)



- Cyan (85%)
- Magenta (73%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2744AD 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 2744AD by changing the saturation by 10% instead.

■ 2744AD

■ 2744AD

FFFFFF

■ 002E92

■ 6974E5

■ 001A77

■ 878DFF

■ 00035E

■ A4A8FF

■ 000845

■ C2C3FF

■ 00042E

■ DFDFFF

■ 000118

■ FEFBFF

■ 000000

■ 2744AD

■ 2744AD

■ 1636AD

■ 3852AD

■ 0429AD

■ 4A5FAD

■ 0025AD

■ 5B6DAD

■ 6C7AAD

■ 7E88AD

■ 8F95AD

■ A0A3AD

■ B1B0AD

■ C3BEAD

Harmonies

Analogous

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



0058B7



2744AD



81218A

Triad

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



2744AD



8C2F00



006244

Complementary

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



2744AD



AD9027

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.



005F05



2744AD



674900

Square

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



2744AD



A20026



365800



006379

Rectangle

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



2744AD



9A006A



365800



006131

Sweetspot

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



2744AD



ADB8E0



27AD90



515870



F0F0F0



707070

Same Dimension

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



2744AD



103DE0



4D27AD



4E5057



002196



000517

Inverse Universe

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



AD2744



E0103D



87AD27



574E50



960021



170005

Previews

White Background



This preview shows how the Hex color 2744AD looks on a white background.

Color Contrast Check

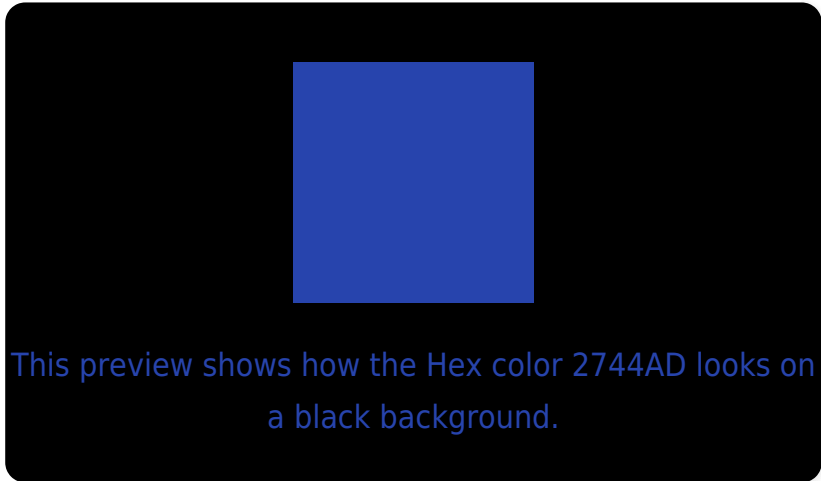
Large Text (above 18pt) WCAG AA ✓ Pass

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

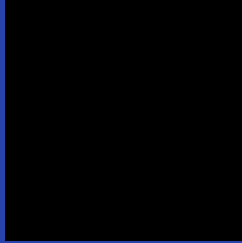
Any Text WCAG AA × Fail

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 2744AD Background



This preview shows how black text looks on a background with the Hex color 2744AD.



This preview shows how white text looks on a background with the Hex color 2744AD.

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
2744AD

Protanopia
004B9E

Deuteranopia
005088



Tritanopia
00565C

Trichromacy



Original Color
2744AD

Protanomaly
0E48A3

Deuteranomaly
0E4C95

Tritanomaly
0E4F79

Monochromacy



Original Color
2744AD

Achromatopsia
474747

Achromatomaly
3B466C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2744AD 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 #2744AD looks like.

```
.text, #text, p{  
    color:#2744AD  
}
```

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 #2744AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2744AD }  
}
```

Border

The CSS property to change the border of an element to Hex 2744AD 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 #2744AD }  
}
```

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

```
.border{ border-color:#2744AD }
```

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

Here you see how a box with a 4 pixel #2744AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2744AD; -webkit-box-shadow:4px 4px  
4px 4px #2744AD; box-shadow:4px 4px 4px  
4px #2744AD }
```

Background

The CSS property to change the background color of an element to Hex 2744AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2744AD }
```

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

```
.background{ background-color:#2744AD }
```

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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