

Converting Colors

Hex(464672)

Have a look what the booklet for
Hex(464672) contains.

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Color

Hex(464672)

Conversions

Conversions Part 1

Format	Color
Hex	464672
RGB	70, 70, 114
RGB Percent	27%, 27%, 45%
CMY	0.7255, 0.7255, 0.5529
CMYK	0.39, 0.39, 0.00, 0.55
HSL	240°, 24%, 36%
HSV	240°, 39%, 45%
XYZ	7.7532, 6.8973, 16.8423
YIQ	75.0160, -14.1240, 13.6840

Conversions

Conversions Part 2

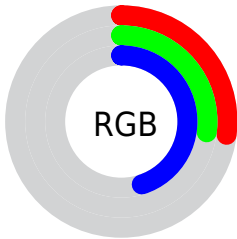
Format	Color
R_{YB}	70, 70, 114
Decimal	4605554
CIE _{Lab}	31.57, 11.79, -25.34
CIE _{LCh}	32, 27.950, 294.959
Yxy	6.8973, 0.2462, 0.2190
Android (android.graphics.Color)	4282795634 (0xFF464672)
YUV	75.0160, 19.2191, -4.3990
Hunter-Lab	26.2627, 6.7365, -19.6387

Details

The Hex color **464672** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **727246**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7876A6**, and **161B42** is the 20% darker color. If you saturate the color by 10%, you get **3B3B72**, and if you desaturate by 10%, it is **515172**.

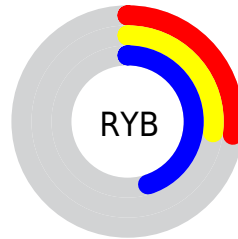
Distribution



Red (27%)

Green (27%)

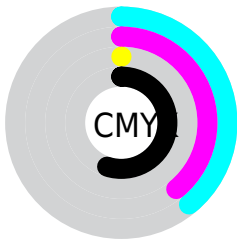
Blue (45%)



Red (27%)

Yellow (27%)

Blue (45%)

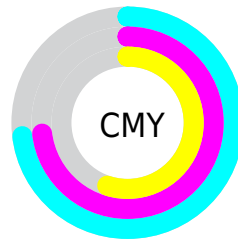


Cyan (39%)

Magenta (39%)

Yellow (0%)

Black (55%)



Cyan (73%)

Magenta (73%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464672 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 464672 by changing the saturation by 10% instead.



464672



464672

FFFFFF



2E3059



7876A6



161B42



9290C1



01002C



ADAADD



000116



C9C6FA



000000



E5E2FF

FFFEFF



464672



464672



3B3B72



515172

■ 2F2F72

■ 5D5D72

■ 242472

■ 686872

■ 181872

■ 747472

■ 0D0D72

■ 7F7F72

■ 020272

■ 8A8A72

■ 000072

■ 969672

■ A1A172

■ ADAD72

Harmonies

Analogous

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



184E76



464672



623E64

Triad

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



464672



6B4027



005546

Complementary

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



464672



727246

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.



2A5330



464672



5A481D

Square

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



464672



733939



454F21



00555C

Rectangle

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



464672



6D3956



454F21



0F553E

Sweetspot

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



464672



828294



467272



40404A



C9C9C9



4A4A4A

Same Dimension

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



464672



505094



5C4672



323238



000078



0000F7

Inverse Universe

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



724672



945094



5C7246



383238



780078



F700F7

Previews

White Background



This preview shows how the Hex color 464672 looks on a white background.

Color Contrast Check

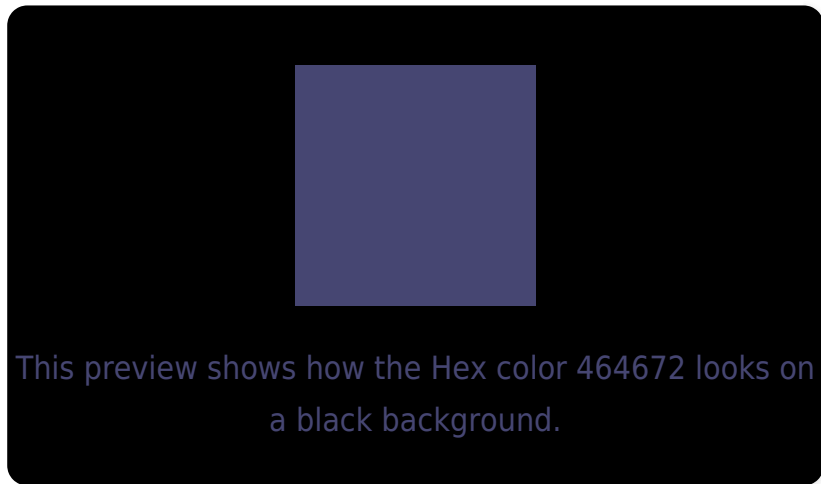
Large Text (above 18pt) WCAG AA ✓ Pass

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

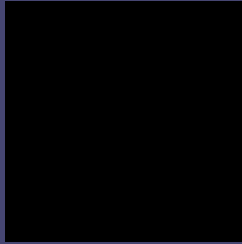
Any Text WCAG AA × Fail

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 464672 Background



This preview shows how black text looks on a background with the Hex color 464672.



This preview shows how white text looks on a background with the Hex color 464672.

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
464672

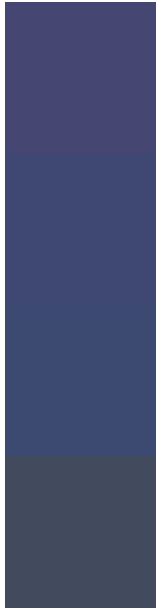
Protanopia
3A4974

Deuteranopia
374A71



Tritanopia
3F4D53

Trichromacy



Original Color

464672

Protanomaly

3E4873

Deuteranomaly

3C4971

Tritanomaly

424A5E

Monochromacy



Original Color

464672

Achromatopsia

4B4B4B

Achromatomaly

494959

CSS Examples

Text

The CSS property to change the color of the text to Hex 464672 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 #464672 looks like.

```
.text, #text, p{  
    color:#464672  
}
```

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 #464672 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464672
}
```

Border

The CSS property to change the border of an element to Hex 464672 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
#464672 }
```

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

```
.border{ border-color:#464672 }
```

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

Here you see how a box with a 4 pixel #464672 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464672; -webkit-box-shadow:4px 4px  
4px 4px #464672; box-shadow:4px 4px 4px  
4px #464672 }
```

Background

The CSS property to change the background color of an element to Hex 464672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464672 }
```

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

```
.background{ background-color:#464672 }
```

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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