

Converting Colors

Hex(454676)

Have a look what the booklet for
Hex(454676) contains.

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Color

Hex(454676)

Conversions

Conversions Part 1

Format	Color
Hex	454676
RGB	69, 70, 118
RGB Percent	27%, 27%, 46%
CMY	0.7294, 0.7255, 0.5373
CMYK	0.42, 0.41, 0.00, 0.54
HSL	239°, 26%, 37%
HSV	239°, 42%, 46%
XYZ	7.9144, 6.9535, 18.0646
YIQ	75.1730, -16.0040, 14.7160

Conversions

Conversions Part 2

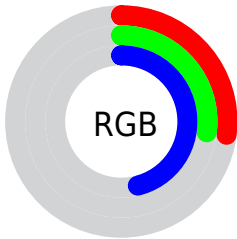
Format	Color
RYB	69, 70, 118
Decimal	4540022
CIELab	31.70, 12.73, -27.65
CIELCh	32, 30.444, 294.720
Yxy	6.9535, 0.2403, 0.2111
Android (android.graphics.Color)	4282730102 (0xFF454676)
YUV	75.1730, 21.1137, -5.4137
Hunter-Lab	26.3696, 7.4273, -22.1582

Details

The Hex color **454676** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **767545**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7876AA**, and **141B45** is the 20% darker color. If you saturate the color by 10%, you get **393A76**, and if you desaturate by 10%, it is **515276**.

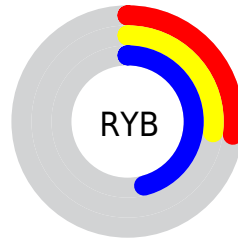
Distribution



Red (27%)

Green (27%)

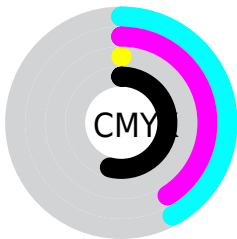
Blue (46%)



Red (27%)

Yellow (27%)

Blue (46%)

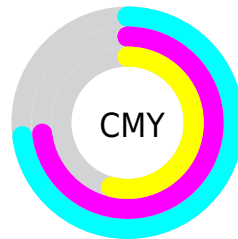


Cyan (42%)

Magenta (41%)

Yellow (0%)

Black (54%)



Cyan (73%)

Magenta (73%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 454676 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 454676 by changing the saturation by 10% instead.

■ 454676

■ 454676

FFFFFF

■ 2D305D

■ 7876AA

■ 141B45

■ 9290C6

■ 00002F

■ ADAAE2

■ 000119

■ C9C6FF

■ 000000

■ E5E2FF

FFFEFF

■ 454676

■ 454676

■ 393A76

■ 515276

■ 2D2F76

■ 5D5D76

■ 222376

■ 686976

■ 161876

■ 747476

■ 0A0C76

■ 808076

■ 000276

■ 8C8B76

■ 989776

■ A3A276

■ AFAE76

Harmonies

Analogous

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



064E7A



454676



643C66

Triad

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



454676



6D3F24



005645

Complementary

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



454676



767545

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.



27542E



454676



5C4819

Square

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



454676



773738



454F1D



00565E

Rectangle

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



454676



703858



454F1D



01563D

Sweetspot

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



454676



878799



457674



42424D



CCCCCC



4D4D4D

Same Dimension

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



454676



4D4E99



5C4576



35353B



00027A



0005FA

Inverse Universe

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



764546



994D4E



5F7645



3B3535



7A0002



FA0005

Previews

White Background



This preview shows how the Hex color 454676 looks on a white background.

Color Contrast Check

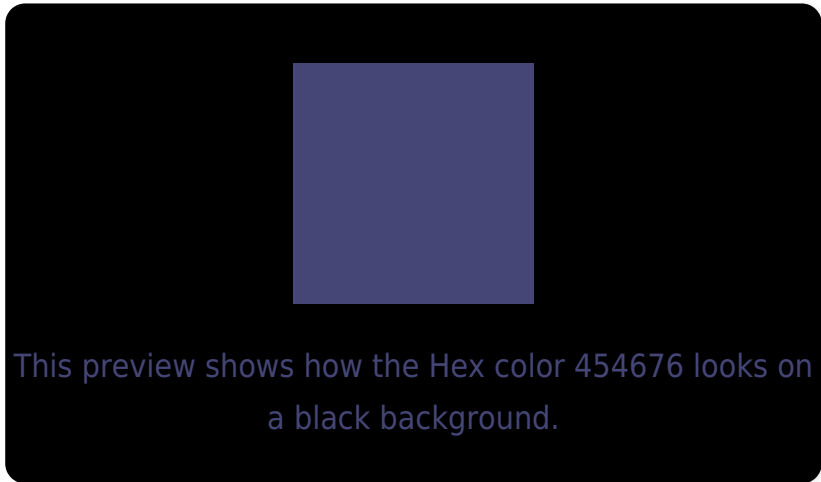
Large Text (above 18pt) WCAG AA ✓ Pass

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

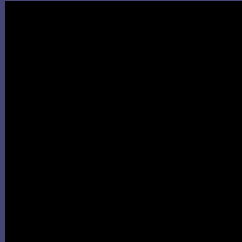
Any Text WCAG AA × Fail

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 454676 Background



This preview shows how black text looks on a background with the Hex color 454676.

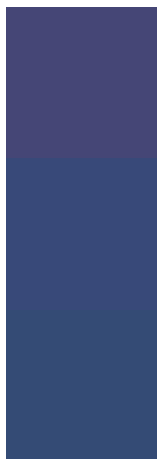


This preview shows how white text looks on a background with the Hex color 454676.

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

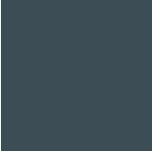
454676

Protanopia

384979

Deuteranopia

344B75



Tritanopia
3C4D54

Trichromacy



Original Color

454676

Protanomaly

3D4878

Deuteranomaly

3A4975

Tritanomaly

3F4A60

Monochromacy



Original Color

454676

Achromatopsia

4B4B4B

Achromatomaly

49495B

CSS Examples

Text

The CSS property to change the color of the text to Hex 454676 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 #454676 looks like.

```
.text, #text, p{  
    color:#454676  
}
```

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 #454676 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #454676
}
```

Border

The CSS property to change the border of an element to Hex 454676 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".

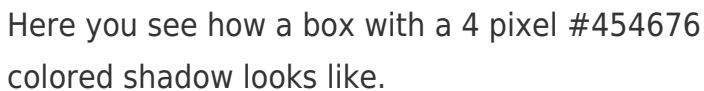
```
.border, #border, table{ border:4px solid
#454676 }
```

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

```
.border{ border-color:#454676 }
```

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

Here you see how a box with a 4 pixel #454676 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #454676; -webkit-box-shadow:4px 4px  
4px 4px #454676; box-shadow:4px 4px 4px  
4px #454676 }
```

Background

The CSS property to change the background color of an element to Hex 454676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#454676 }
```

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

```
.background{ background-color:#454676 }
```

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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