

Converting Colors

Hex(455173)

Have a look what the booklet for
Hex(455173) contains.

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Color

Hex(455173)

Conversions

Conversions Part 1

Format	Color
Hex	455173
RGB	69, 81, 115
RGB Percent	27%, 32%, 45%
CMY	0.7294, 0.6824, 0.5490
CMYK	0.40, 0.30, 0.00, 0.55
HSL	224°, 25%, 36%
HSV	224°, 40%, 45%
XYZ	8.4912, 8.3879, 17.3911
YIQ	81.2880, -18.0660, 8.0300

Conversions

Conversions Part 2

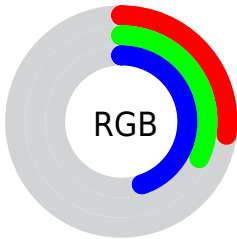
Format	Color
RYB	69, 79, 115
Decimal	4542835
CIELab	34.78, 4.65, -20.97
CIElCh	35, 21.475, 282.500
Yxy	8.3879, 0.2478, 0.2448
Android (android.graphics.Color)	4282732915 (0xFF455173)
YUV	81.2880, 16.6200, -10.7766
Hunter-Lab	28.9618, 1.6504, -15.3295

Details

The Hex color **455173** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **736745**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **7782A7**, and **152543** is the 20% darker color. If you saturate the color by 10%, you get **3A4973**, and if you desaturate by 10%, it is **515A73**.

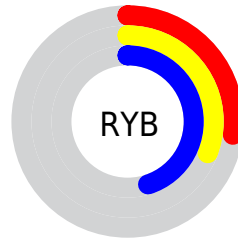
Distribution



Red (27%)

Green (32%)

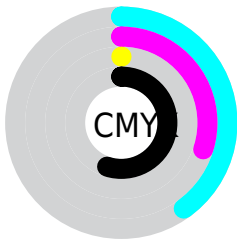
Blue (45%)



Red (27%)

Yellow (31%)

Blue (45%)

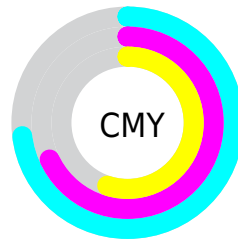


Cyan (40%)

Magenta (30%)

Yellow (0%)

Black (55%)



Cyan (73%)

Magenta (68%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 455173 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 455173 by changing the saturation by 10% instead.

■ 455173

■ 455173

FFFFFF

■ 2D3A5A

■ 7782A7

■ 152543

■ 919CC2

■ 00102C

■ ACB7DE

■ 000117

■ C8D3FB

■ 000000

■ E4EFFF

■ 455173

■ 455173

■ 3A4973

■ 515A73

■ 2E4073

■ 5C6273

■ 233873

■ 686B73

■ 172F73

■ 737373

■ 0B2773

■ 7F7C73

■ 001E73

■ 8A8473

■ 968C73

■ A19573

■ AD9D73

Harmonies

Analogous

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



285672



455173



5D4B6B

Triad

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



455173



70483B



2E5A47

Complementary

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



455173



736745

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.



435838



455173



664D31

Square

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



455173



73454B



565330



185B59

Rectangle

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



455173



694762



565330



355A41

Sweetspot

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



455173



848996



457367



42454D



CCCCCC



4D4D4D

Same Dimension

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



455173



4E6196



504573



35363B



00207A



0041FA

Inverse Universe

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



734551



964E61



687345



3B3536



7A0020



FA0041

Previews

White Background



This preview shows how the Hex color 455173 looks on a white background.

Color Contrast Check

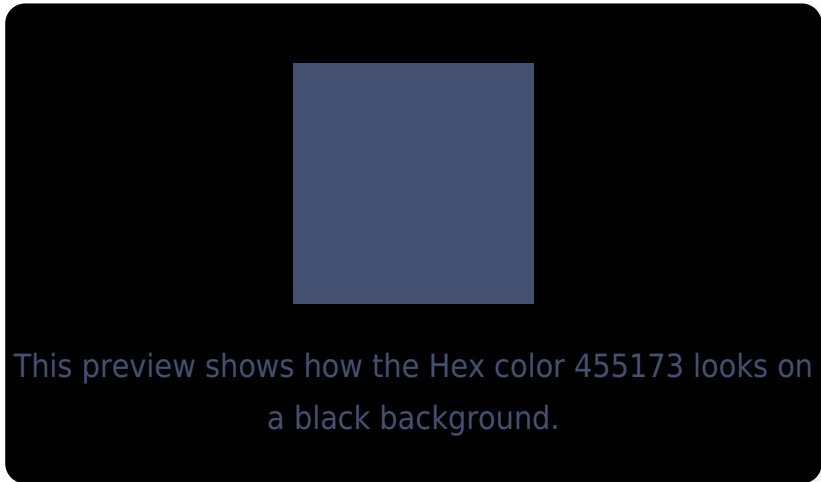
Large Text (above 18pt) WCAG AA ✓ Pass

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

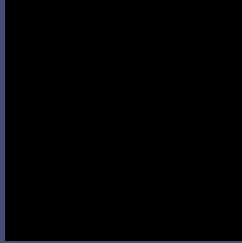
Any Text WCAG AA × Fail

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 455173 Background



This preview shows how black text looks on a background with the Hex color 455173.

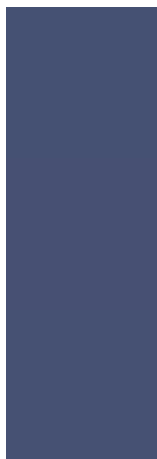


This preview shows how white text looks on a background with the Hex color 455173.

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
455173

Protanopia
475073

Deuteranopia
465173



Tritanopia
3F555C

Trichromacy



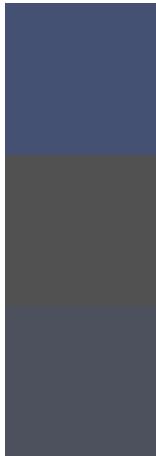
Original Color
455173

Protanomaly
465073

Deuteranomaly
465173

Tritanomaly
415464

Monochromacy



Original Color
455173

Achromatopsia
515151

Achromatomaly
4D515D

CSS Examples

Text

The CSS property to change the color of the text to Hex 455173 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 #455173 looks like.

```
.text, #text, p{  
    color:#455173  
}
```

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 #455173 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #455173
}
```

Border

The CSS property to change the border of an element to Hex 455173 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
#455173 }
```

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

```
.border{ border-color:#455173 }
```

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

Here you see how a box with a 4 pixel #455173 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #455173; -webkit-box-shadow:4px 4px  
4px 4px #455173; box-shadow:4px 4px 4px  
4px #455173 }
```

Background

The CSS property to change the background color of an element to Hex 455173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#455173 }
```

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

```
.background{ background-color:#455173 }
```

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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