

Converting Colors

Hex(464175)

Have a look what the booklet for
Hex(464175) contains.

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Color

Hex(464175)

Conversions

Conversions Part 1

Format	Color
Hex	464175
RGB	70, 65, 117
RGB Percent	27%, 25%, 46%
CMY	0.7255, 0.7451, 0.5412
CMYK	0.40, 0.44, 0.00, 0.54
HSL	246°, 29%, 36%
HSV	246°, 44%, 46%
XYZ	7.6270, 6.3670, 17.6566
YIQ	72.4230, -13.7120, 17.2320

Conversions

Conversions Part 2

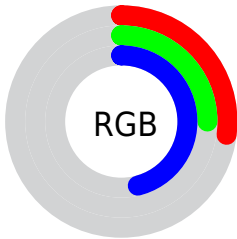
Format	Color
R_{YB}	70, 65, 117
Decimal	4604277
CIE _{Lab}	30.32, 16.01, -29.20
CIE _{LCh}	30, 33.300, 298.729
Yxy	6.3670, 0.2410, 0.2012
Android (android.graphics.Color)	4282794357 (0xFF464175)
YUV	72.4230, 21.9765, -2.1250
Hunter-Lab	25.2330, 9.7960, -23.8246

Details

The Hex color **464175** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **707541**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7971A9**, and **151644** is the 20% darker color. If you saturate the color by 10%, you get **3B3575**, and if you desaturate by 10%, it is **514D75**.

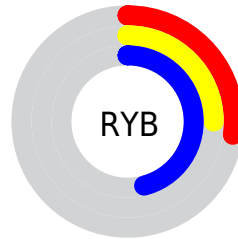
Distribution



Red (27%)

Green (25%)

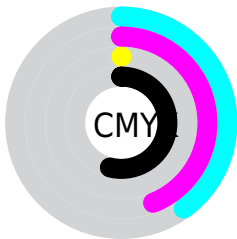
Blue (46%)



Red (27%)

Yellow (25%)

Blue (46%)

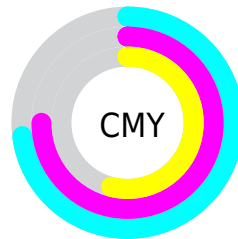


Cyan (40%)

Magenta (44%)

Yellow (0%)

Black (54%)



Cyan (73%)

Magenta (75%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464175 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 464175 by changing the saturation by 10% instead.

■ 464175

■ 464175

FFFFFF

■ 2E2B5C

■ 7971A9

■ 151644

■ 938AC5

■ 01002E

■ AEA5E1

■ 000118

■ CAC0FE

■ 000000

■ E6DCFF

■ FFF8FF

■ 464175

■ 464175

■ 3B3575

■ 514D75

■ 312A75

■ 5B5875

■ 261E75

■ 666475

■ 1C1275

■ 707075

■ 110675

■ 7B7C75

■ 0B0075

■ 858775

■ 909375

■ 9B9F75

■ A5AA75

Harmonies

Analogous

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



004B7B



464175



663663

Triad

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



464175



6A3C1B



005445

Complementary

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



464175



707541

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.



18522B



464175



56460F

Square

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



464175



763330



3D4D17



005460

Rectangle

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



464175



723152



3D4D17



00533C

Sweetspot

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



464175



878599



417175



41404D



CCCCCC



4D4D4D

Same Dimension

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



464175



504899



5F4175



35353B



0C007A



1800FA

Inverse Universe

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



754170



994891



577541



3B353A



7A006F



FA00E2

Previews

White Background



This preview shows how the Hex color 464175 looks on a white background.

Color Contrast Check

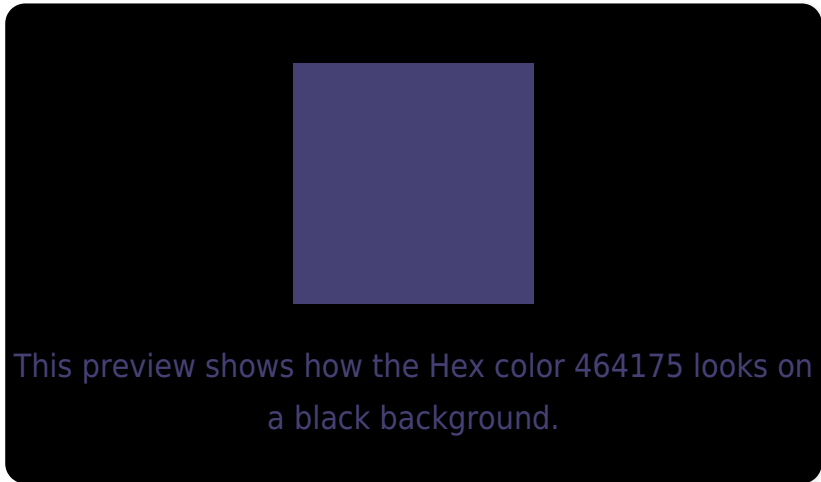
Large Text (above 18pt) WCAG AA ✓ Pass

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

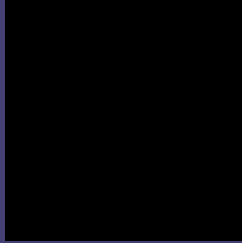
Any Text WCAG AA × Fail

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 464175 Background



This preview shows how black text looks on a background with the Hex color 464175.



This preview shows how white text looks on a background with the Hex color 464175.

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
464175

Protanopia
314679

Deuteranopia
2D4874



Tritanopia
3D494F

Trichromacy



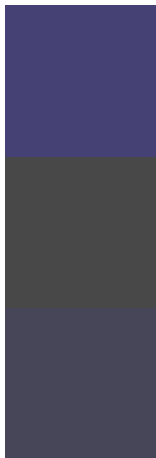
Original Color
464175

Protanomaly
394478

Deuteranomaly
364574

Tritanomaly
40465D

Monochromacy



Original Color
464175

Achromatopsia
484848

Achromatomaly
474558

CSS Examples

Text

The CSS property to change the color of the text to Hex 464175 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 #464175 looks like.

```
.text, #text, p{  
    color:#464175  
}
```

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 #464175 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464175
}
```

Border

The CSS property to change the border of an element to Hex 464175 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
#464175 }
```

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

```
.border{ border-color:#464175 }
```

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

Here you see how a box with a 4 pixel #464175 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464175; -webkit-box-shadow:4px 4px  
4px 4px #464175; box-shadow:4px 4px 4px  
4px #464175 }
```

Background

The CSS property to change the background color of an element to Hex 464175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464175 }
```

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

```
.background{ background-color:#464175 }
```

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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