

Converting Colors

Hex(4B6375)

Have a look what the booklet for
Hex(4B6375) contains.

Hex(4B6375)	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(4B6375)

Conversions

Conversions Part 1

Format	Color
Hex	4B6375
RGB	75, 99, 117
RGB Percent	29%, 39%, 46%
CMY	0.7059, 0.6118, 0.5412
CMYK	0.36, 0.15, 0.00, 0.54
HSL	206°, 22%, 38%
HSV	206°, 36%, 46%
XYZ	10.5744, 11.7039, 18.5314
YIQ	93.8760, -20.0820, 0.5100

Conversions

Conversions Part 2

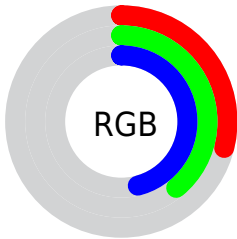
Format	Color
RYB	75, 90, 117
Decimal	4940661
CIELab	40.74, -4.10, -13.01
CIELCh	41, 13.636, 252.511
Yxy	11.7039, 0.2591, 0.2868
Android (android.graphics.Color)	4283130741 (0xFF4B6375)
YUV	93.8760, 11.4001, -16.5543
Hunter-Lab	34.2109, -4.6960, -8.1685

Details

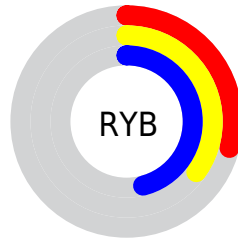
The Hex color **4B6375** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **755D4B**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **7D96A9**, and **1C3545** is the 20% darker color. If you saturate the color by 10%, you get **3F5E75**, and if you desaturate by 10%, it is **576875**.

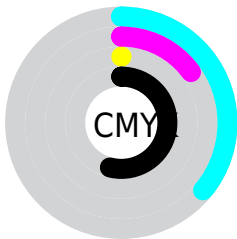
Distribution



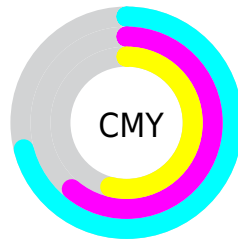
- Red (29%)
- Green (39%)
- Blue (46%)



- Red (29%)
- Yellow (35%)
- Blue (46%)



- Cyan (36%)
- Magenta (15%)
- Yellow (0%)
- Black (54%)



- Cyan (71%)
- Magenta (61%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B6375 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 4B6375 by changing the saturation by 10% instead.

■ 4B6375

■ 4B6375

FFFFFF

■ 334B5C

■ 7D96A9

■ 1C3545

■ 98B0C4

■ 031F2E

■ B3CCE0

■ 00061A

■ CEE8FD

■ 000000

■ EBFFFF

■ 4B6375

■ 4B6375

■ 3F5E75

■ 576875

■ 345975

■ 626D75

■ 285475

■ 6E7275

■ 1C4F75

■ 7A7775

■ 114A75

■ 857C75

■ 054575

■ 918175

■ 004375

■ 9D8675

■ A98B75

■ B49075

Harmonies

Analogous

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



42656F



4B6375



595F76

Triad

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



4B6375



77585C



57644F

Complementary

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



4B6375



755D4B

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.



64614A



4B6375



765A51

Square

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



4B6375



725967



6F5D4B



4B6659

Rectangle

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



4B6375



635D73



6F5D4B



5B634D

Sweetspot

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



4B6375



889299



4B755D



43484D



CCCCCC



4D4D4D

Same Dimension

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



4B6375



577D99



4B4E75



35383B



00467A



008FFA

Inverse Universe

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



754B63



99577D



75724B



3B3538



7A0046



FA008F

Previews

White Background



This preview shows how the Hex color 4B6375 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

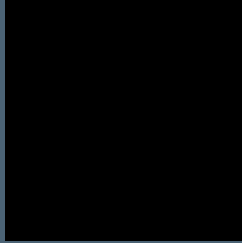
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

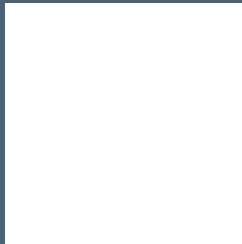
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4B6375 Background



This preview shows how black text looks on a background with the Hex color 4B6375.



This preview shows how white text looks on a background with the Hex color 4B6375.

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
4B6375

Protanopia
5C5F72

Deuteranopia
5E5E76



Tritanopia
49646D

Trichromacy



Original Color
4B6375

Protanomaly
566073

Deuteranomaly
576076

Tritanomaly
4A6470

Monochromacy



Original Color
4B6375

Achromatopsia
5E5E5E

Achromatomaly
576066

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B6375 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 #4B6375 looks like.

```
.text, #text, p{  
    color:#4B6375  
}
```

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 #4B6375 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B6375
}
```

Border

The CSS property to change the border of an element to Hex 4B6375 is called "border". The border property can be set on classes, ids or directly on the HTML element.

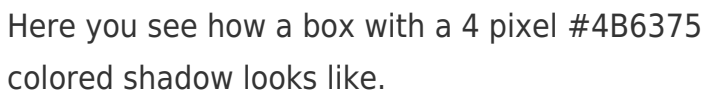
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B6375 }
```

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

```
.border{ border-color:#4B6375 }
```

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



Here you see how a box with a 4 pixel #4B6375 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B6375; -webkit-box-shadow:4px 4px  
4px 4px #4B6375; box-shadow:4px 4px 4px  
4px #4B6375 }
```

Background

The CSS property to change the background color of an element to Hex 4B6375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B6375 }
```

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

```
.background{ background-color:#4B6375 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor