

Converting Colors

Hex(4B6264)

Have a look what the booklet for
Hex(4B6264) contains.

Hex(4B6264)	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(4B6264)

Conversions

Conversions Part 1

Format	Color
Hex	4B6264
RGB	75, 98, 100
RGB Percent	29%, 38%, 39%
CMY	0.7059, 0.6157, 0.6078
CMYK	0.25, 0.02, 0.00, 0.61
HSL	185°, 14%, 34%
HSV	185°, 25%, 39%
XYZ	9.5696, 11.1513, 13.7046
YIQ	91.3510, -14.3500, -4.2540

Conversions

Conversions Part 2

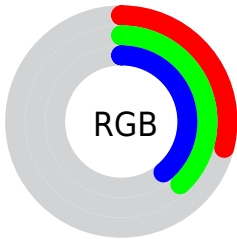
Format	Color
R_{YB}	75, 87, 100
Decimal	4940388
CIE Lab	39.83, -8.06, -3.96
CIE LCh	40, 8.981, 206.197
Yxy	11.1513, 0.2780, 0.3239
Android (android.graphics.Color)	4283130468 (0xFF4B6264)
YUV	91.3510, 4.2640, -14.3398
Hunter-Lab	33.3936, -7.2861, -0.9569

Details

The Hex color **4B6264** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **644D4B**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7C9597**, and **1E3435** is the 20% darker color. If you saturate the color by 10%, you get **416164**, and if you desaturate by 10%, it is **556364**.

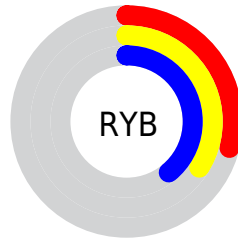
Distribution



Red (29%)

Green (38%)

Blue (39%)



Red (29%)

Yellow (34%)

Blue (39%)

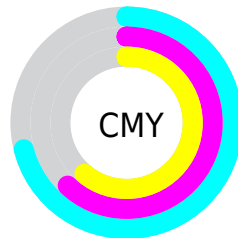


Cyan (25%)

Magenta (2%)

Yellow (0%)

Black (61%)



Cyan (71%)

Magenta (62%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B6264 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 4B6264 by changing the saturation by 10% instead.



4B6264



4B6264

FFFFFF



344A4C



7C9597



1E3435



96AFB1



081E20



B1CBCD



000009



CDE7E9



000000



E9FFFF



4B6264



4B6264



416164



556364



376064



5F6464

■ 2D6064

■ 696464

■ 235F64

■ 736564

■ 195E64

■ 7D6664

■ 0F5D64

■ 876764

■ 055C64

■ 916864

■ 005C64

■ 9B6864

■ A56964

Harmonies

Analogous

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



4E625D



4B6264



4E616A

Triad

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



4B6264



675A66



655D4F

Complementary

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



4B6264



644D4B

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.



6B5B52



4B6264



6C595F

Square

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



4B6264



5E5C6B



6D5958



5D5F51

Rectangle

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



4B6264



52606C



6D5958



675C50

Sweetspot

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



4B6264



788182



4B644D



3C4242



C2C2C2



424242

Same Dimension

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



4B6264



5B7F82



4B5664



2E3333



006A73



00DFF2

Inverse Universe

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



644B62



825B7F



64594B



332E33



73006A



F200DF

Previews

White Background



This preview shows how the Hex color 4B6264 looks on a white background.

Color Contrast Check

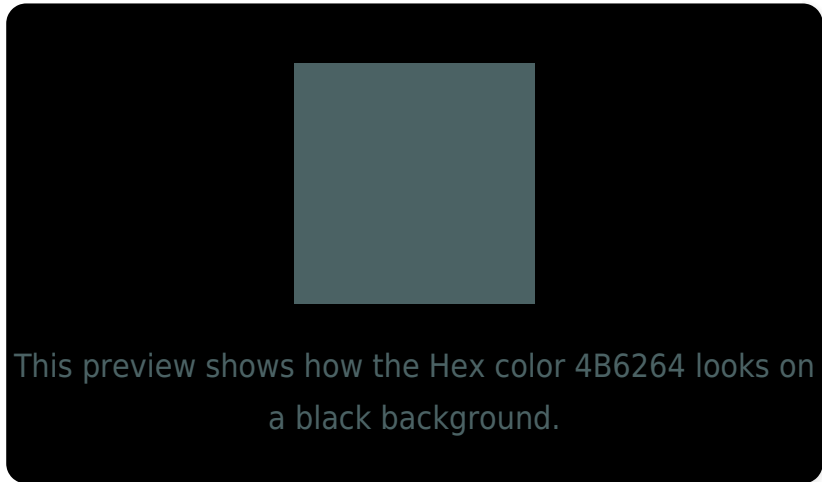
Large Text (above 18pt) WCAG AA ✓ Pass

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

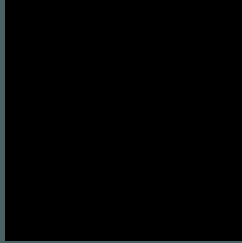
Any Text WCAG AA × Fail

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 4B6264 Background



This preview shows how black text looks on a background with the Hex color 4B6264.

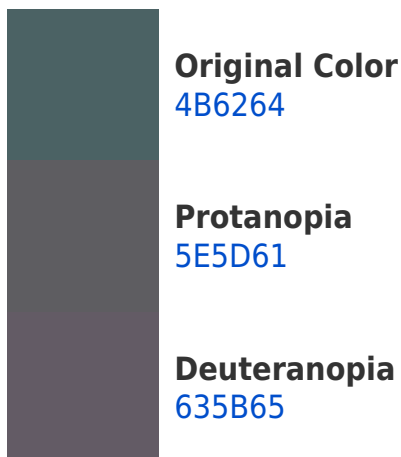


This preview shows how white text looks on a background with the Hex color 4B6264.

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](#).

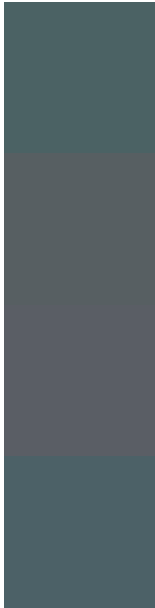
Dichromacy





Tritanopia
4C6169

Trichromacy



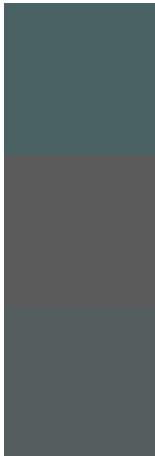
Original Color
4B6264

Protanomaly
575F62

Deuteranomaly
5A5E65

Tritanomaly
4C6167

Monochromacy



Original Color
4B6264

Achromatopsia
5B5B5B

Achromatomaly
555E5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B6264 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 #4B6264 looks like.

```
.text, #text, p{  
    color:#4B6264  
}
```

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 #4B6264 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B6264
}
```

Border

The CSS property to change the border of an element to Hex 4B6264 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
#4B6264 }
```

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

```
.border{ border-color:#4B6264 }
```

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

Here you see how a box with a 4 pixel #4B6264 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B6264; -webkit-box-shadow:4px 4px  
4px 4px #4B6264; box-shadow:4px 4px 4px  
4px #4B6264 }
```

Background

The CSS property to change the background color of an element to Hex 4B6264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B6264 }
```

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

```
.background{ background-color:#4B6264 }
```

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