

Converting Colors

Hex(446265)

Have a look what the booklet for
Hex(446265) contains.

Hex(446265)	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(446265)

Conversions

Conversions Part 1

Format	Color
Hex	446265
RGB	68, 98, 101
RGB Percent	27%, 38%, 40%
CMY	0.7333, 0.6157, 0.6039
CMYK	0.33, 0.03, 0.00, 0.60
HSL	185°, 20%, 33%
HSV	185°, 33%, 40%
XYZ	9.1005, 10.9039, 13.9369
YIQ	89.3720, -18.8430, -5.4270

Conversions

Conversions Part 2

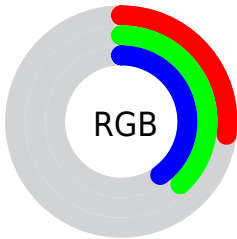
Format	Color
R_{YB}	68, 84, 101
Decimal	4481637
CIE _{Lab}	39.42, -10.13, -5.24
CIE _{LCh}	39, 11.406, 207.376
Yxy	10.9039, 0.2681, 0.3213
Android (android.graphics.Color)	4282671717 (0xFF446265)
YUV	89.3720, 5.7326, -18.7432
Hunter-Lab	33.0210, -8.5925, -1.9093

Details

The Hex color **446265** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **654744**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **759598**, and **163336** is the 20% darker color. If you saturate the color by 10%, you get **3A6165**, and if you desaturate by 10%, it is **4E6365**.

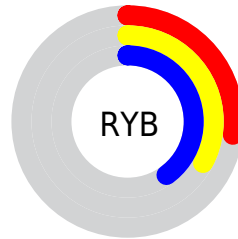
Distribution



Red (27%)

Green (38%)

Blue (40%)



Red (27%)

Yellow (33%)

Blue (40%)

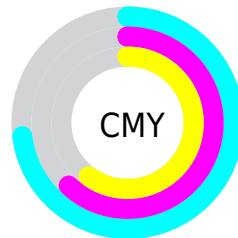


Cyan (33%)

Magenta (3%)

Yellow (0%)

Black (60%)



Cyan (73%)

Magenta (62%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 446265 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 446265 by changing the saturation by 10% instead.

■ 446265

■ 446265

FFFFFF

■ 2D4A4D

■ 759598

■ 163336

■ 8FAFB3

■ 001E21

■ AACBCE

■ 00000A

■ C6E7EA

■ 000000

■ E2FFFF

■ 446265

■ 446265

■ 3A6165

■ 4E6365

■ 306065

■ 586465

■ 265F65

■ 626565

■ 1C5E65

■ 6C6665

■ 125D65

■ 776765

■ 075C65

■ 816865

■ 005C65

■ 8B6865

■ 956965

■ 9F6A65

Harmonies

Analogous

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



48625C



446265



48606C

Triad

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



446265



685867



655C4A

Complementary

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



446265



654744

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.



6D594E



446265



6F565E

Square

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



446265



5E5B6D



705755



5B5F4C

Rectangle

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



446265



4E5F6F



705755



685B4B

Sweetspot

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



446265



758182



446547



3A4242



C2C2C2



424242

Same Dimension

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



446265



4F7D82



445265



2E3333



006873



00DCF2

Inverse Universe

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



654462



824F7D



655744



332E33



730068



F200DC

Previews

White Background



This preview shows how the Hex color 446265 looks on a white background.

Color Contrast Check

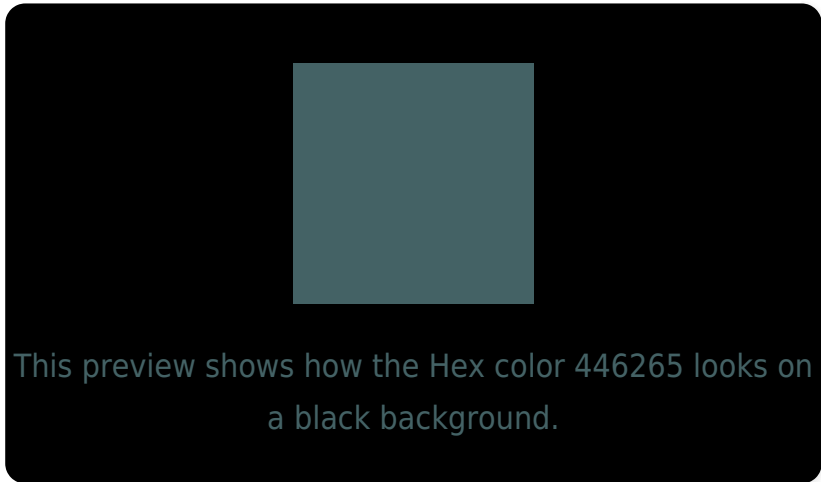
Large Text (above 18pt) WCAG AA ✓ Pass

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

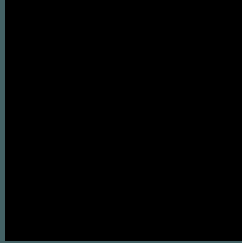
Any Text WCAG AA × Fail

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 446265 Background



This preview shows how black text looks on a background with the Hex color 446265.

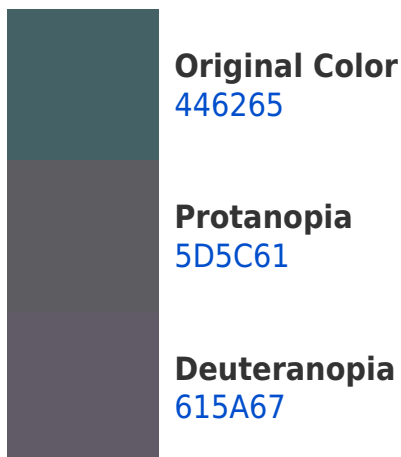


This preview shows how white text looks on a background with the Hex color 446265.

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](#).

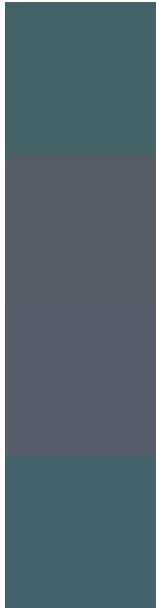
Dichromacy





Tritanopia
456169

Trichromacy



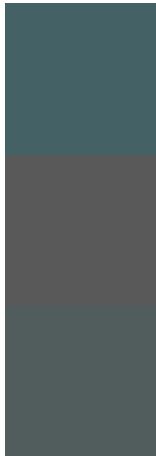
Original Color
446265

Protanomaly
545E62

Deuteranomaly
565D66

Tritanomaly
456168

Monochromacy



Original Color
446265

Achromatopsia
595959

Achromatomaly
515C5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 446265 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 #446265 looks like.

```
.text, #text, p{  
    color:#446265  
}
```

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 #446265 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #446265
}
```

Border

The CSS property to change the border of an element to Hex 446265 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
#446265 }
```

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

```
.border{ border-color:#446265 }
```

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

Here you see how a box with a 4 pixel #446265 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #446265; -webkit-box-shadow:4px 4px  
4px 4px #446265; box-shadow:4px 4px 4px  
4px #446265 }
```

Background

The CSS property to change the background color of an element to Hex 446265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#446265 }
```

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

```
.background{ background-color:#446265 }
```

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