

Converting Colors

Hex(41966E)

Have a look what the booklet for
Hex(41966E) contains.

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Color

Hex(41966E)

Conversions

Conversions Part 1

Format	Color
Hex	41966E
RGB	65, 150, 110
RGB Percent	25%, 59%, 43%
CMY	0.7451, 0.4118, 0.5686
CMYK	0.57, 0.00, 0.27, 0.41
HSL	152°, 40%, 42%
HSV	152°, 57%, 59%
XYZ	15.9008, 24.0623, 18.5583
YIQ	120.0250, -37.8200, -30.4600

Conversions

Conversions Part 2

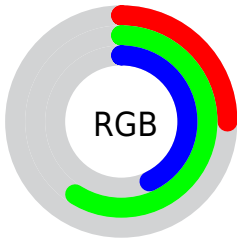
Format	Color
RYB	65, 121, 150
Decimal	4298350
CIELab	56.15, -35.49, 13.51
CIELCh	56, 37.970, 159.161
Yxy	24.0623, 0.2717, 0.4112
Android (android.graphics.Color)	4282488430 (0xFF41966E)
YUV	120.0250, -4.9423, -48.2569
Hunter-Lab	49.0533, -27.9820, 11.9062

Details

The Hex color **41966E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **964169**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **78CDA2**, and **00623E** is the 20% darker color. If you saturate the color by 10%, you get **329667**, and if you desaturate by 10%, it is **509675**.

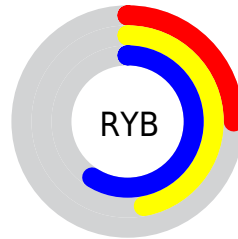
Distribution



Red (25%)

Green (59%)

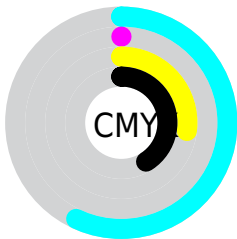
Blue (43%)



Red (25%)

Yellow (47%)

Blue (59%)

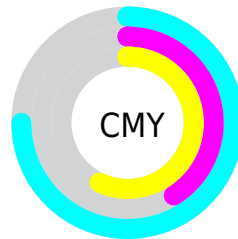


Cyan (57%)

Magenta (0%)

Yellow (27%)

Black (41%)



Cyan (75%)

Magenta (41%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41966E 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 41966E by changing the saturation by 10% instead.



41966E



41966E

FFFFFF



237C56



78CDA2



00623E



93E9BD



004A28



AFFFD9



003213



CCFFF5



001E00



E9FFFF



000000



41966E



41966E



329667



509675



239660



5F967C

■ 149659

■ 6E9683

■ 059652

■ 7D968A

■ 00964F

■ 8C9691

■ 9B9698

■ AA969F

■ B996A6

■ C896AE

Harmonies

Analogous

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



6E9152



41966E



009890

Triad

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



41966E



6487C8



C1715F

Complementary

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



41966E



964169

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.



C56C7E



41966E



977ABA

Square

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



41966E



0590C4



B86F9F



AE7D49

Rectangle

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



41966E



0097A6



B86F9F



C46F68

Sweetspot

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



41966E



A1C2B2



6A9641



4E6158



E0E0E0



616161

Same Dimension

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



41966E



3EC284



419596



434A46



008A49



000A05

Inverse Universe

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



964169



C23E7C



964241



4A4346



8A0041



0A0005

Previews

White Background



This preview shows how the Hex color 41966E looks on a white background.

Color Contrast Check

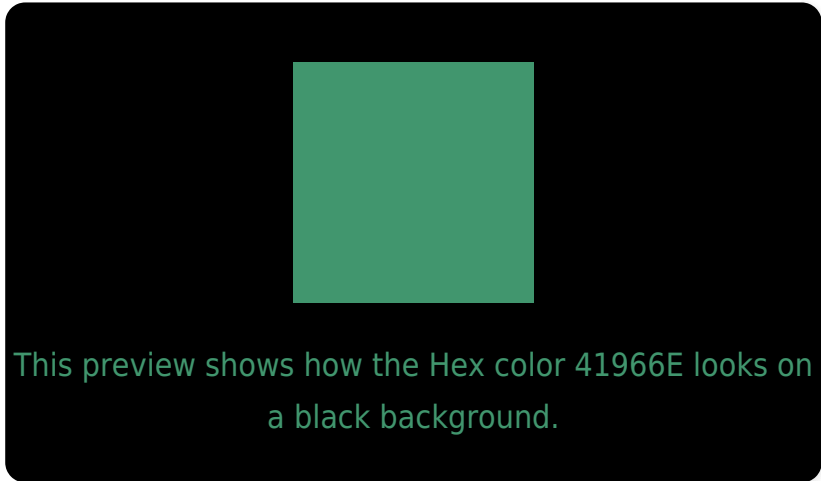
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

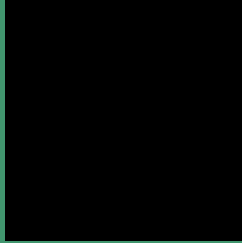
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 41966E Background



This preview shows how black text looks on a background with the Hex color 41966E.

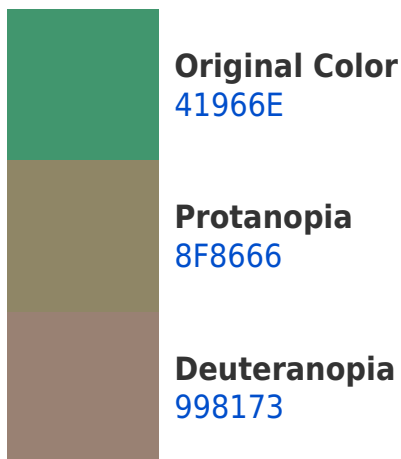


This preview shows how white text looks on a background with the Hex color 41966E.

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



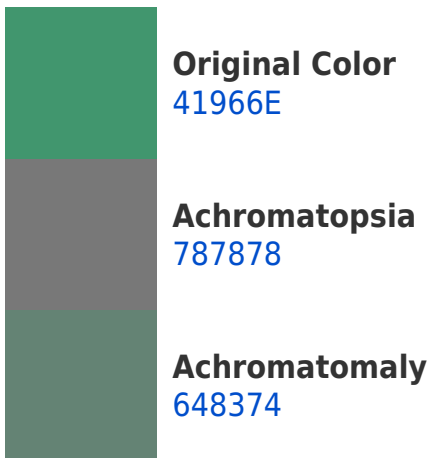


Tritanopia
4F909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 41966E 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 #41966E looks like.

```
.text, #text, p{  
    color:#41966E  
}
```

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 #41966E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41966E
}
```

Border

The CSS property to change the border of an element to Hex 41966E 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
#41966E }
```

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

```
.border{ border-color:#41966E }
```

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

Here you see how a box with a 4 pixel #41966E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41966E; -webkit-box-shadow:4px 4px  
4px 4px #41966E; box-shadow:4px 4px 4px  
4px #41966E }
```

Background

The CSS property to change the background color of an element to Hex 41966E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41966E }
```

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

```
.background{ background-color:#41966E }
```

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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