

Converting Colors

Hex(4961A4)

Have a look what the booklet for
Hex(4961A4) contains.

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Color

Hex(4961A4)

Conversions

Conversions Part 1

Format	Color
Hex	4961A4
RGB	73, 97, 164
RGB Percent	29%, 38%, 64%
CMY	0.7137, 0.6196, 0.3569
CMYK	0.55, 0.41, 0.00, 0.36
HSL	224°, 38%, 46%
HSV	224°, 55%, 64%
XYZ	13.7232, 12.6462, 36.8396
YIQ	97.4620, -35.8110, 15.7490

Conversions

Conversions Part 2

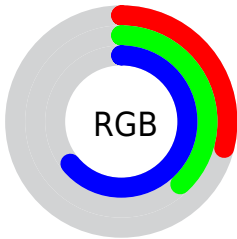
Format	Color
RYB	73, 92, 164
Decimal	4809124
CIELab	42.23, 11.34, -38.97
CIElCh	42, 40.590, 286.217
Yxy	12.6462, 0.2171, 0.2001
Android (android.graphics.Color)	4282999204 (0xFF4961A4)
YUV	97.4620, 32.8032, -21.4532
Hunter-Lab	35.5615, 6.6506, -36.5279

Details

The Hex color **4961A4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A48C49**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8093DB**, and **043370** is the 20% darker color. If you saturate the color by 10%, you get **3955A4**, and if you desaturate by 10%, it is **596DA4**.

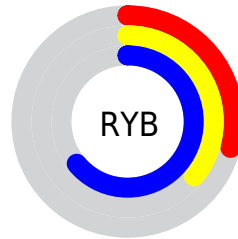
Distribution



Red (29%)

Green (38%)

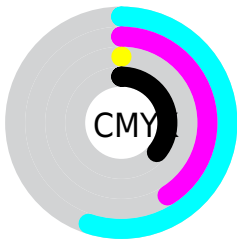
Blue (64%)



Red (29%)

Yellow (36%)

Blue (64%)

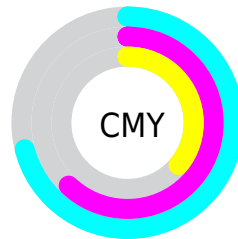


Cyan (55%)

Magenta (41%)

Yellow (0%)

Black (36%)



Cyan (71%)

Magenta (62%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4961A4 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 4961A4 by changing the saturation by 10% instead.

■ 4961A4

■ 4961A4

FFFFFF

■ 2C4989

■ 8093DB

■ 043370

■ 9CAEF8

■ 001F57

■ B8C9FF

■ 00053F

■ D4E5FF

■ 000328

■ F2FFFF

■ 000112

■ 000000

■ 4961A4

■ 4961A4

■ 3955A4

■ 596DA4

■ 2849A4

■ 6A79A4

■ 183DA4

■ 7A85A4

■ 0731A4

■ 8B91A4

■ 002BA4

■ 9B9DA4

■ ABA9A4

■ BCB6A4

■ CCC2A4

■ DDCEA4

Harmonies

Analogous

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



006CA4



4961A4



7D5392

Triad

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



4961A4



994F35



007353

Complementary

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



4961A4



A48C49

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.



3E6F33



4961A4



835C20

Square

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



4961A4



A14653



65681F



007475

Rectangle

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



4961A4



924B7F



65681F



127247

Sweetspot

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



4961A4



B2BBD6



49A48C



565B6B



EBEBEB



6B6B6B

Same Dimension

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



4961A4



476DD6



5E49A4



494C52



002691



000512

Inverse Universe

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



A44961



D6476D



8FA449



52494C



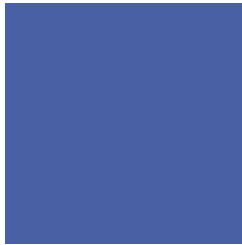
910026



120005

Previews

White Background



This preview shows how the Hex color 4961A4 looks on a white background.

Color Contrast Check

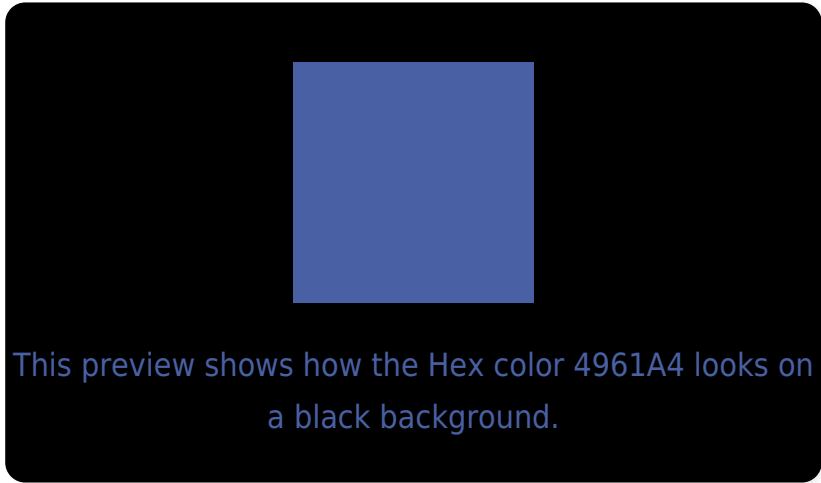
Large Text (above 18pt) WCAG AA ✓ Pass

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 4961A4 Background



This preview shows how black text looks on a background with the Hex color 4961A4.



This preview shows how white text looks on a background with the Hex color 4961A4.

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
4961A4

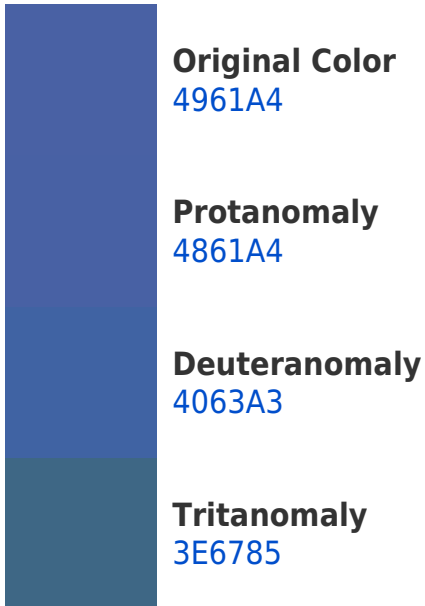
Protanopia
4861A4

Deuteranopia
3B64A3

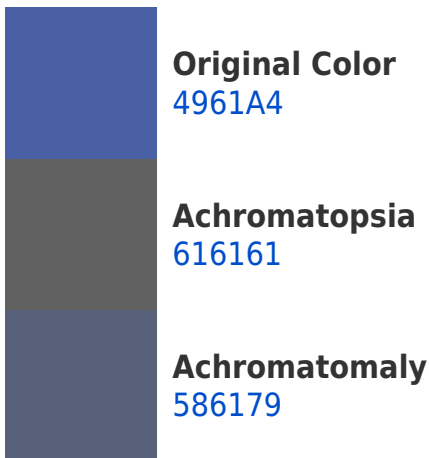


Tritanopia
376B74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4961A4 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 #4961A4 looks like.

```
.text, #text, p{  
    color:#4961A4  
}
```

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 #4961A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4961A4  
}
```

Border

The CSS property to change the border of an element to Hex 4961A4 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  
#4961A4 }
```

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

```
.border{ border-color:#4961A4 }
```

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

Here you see how a box with a 4 pixel #4961A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4961A4; -webkit-box-shadow:4px 4px  
4px 4px #4961A4; box-shadow:4px 4px 4px  
4px #4961A4 }
```

Background

The CSS property to change the background color of an element to Hex 4961A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4961A4 }
```

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

```
.background{ background-color:#4961A4 }
```

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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