

Converting Colors

Hex(4576A1)

Have a look what the booklet for
Hex(4576A1) contains.

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Color

Hex(4576A1)

Conversions

Conversions Part 1

Format	Color
Hex	4576A1
RGB	69, 118, 161
RGB Percent	27%, 46%, 63%
CMY	0.7294, 0.5373, 0.3686
CMYK	0.57, 0.27, 0.00, 0.37
HSL	208°, 40%, 45%
HSV	208°, 57%, 63%
XYZ	15.3657, 16.7953, 36.1502
YIQ	108.2510, -43.0070, 2.9850

Conversions

Conversions Part 2

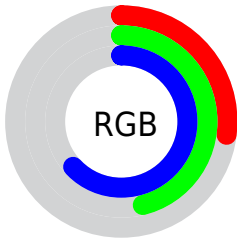
Format	Color
RYB	69, 101, 161
Decimal	4552353
CIELab	48.00, -3.49, -28.14
CIELCh	48, 28.357, 262.937
Yxy	16.7953, 0.2249, 0.2459
Android (android.graphics.Color)	4282742433 (0xFF4576A1)
YUV	108.2510, 26.0053, -34.4231
Hunter-Lab	40.9821, -4.7923, -23.6121

Details

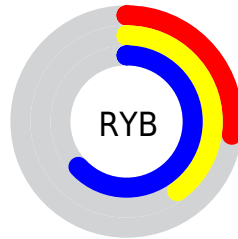
The Hex color **4576A1** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A17045**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **7CAAD8**, and **00466D** is the 20% darker color. If you saturate the color by 10%, you get **356EA1**, and if you desaturate by 10%, it is **557EA1**.

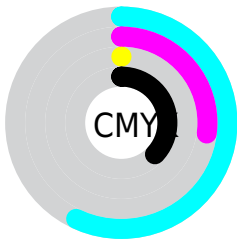
Distribution



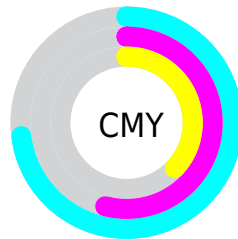
- Red (27%)
- Green (46%)
- Blue (63%)



- Red (27%)
- Yellow (40%)
- Blue (63%)



- Cyan (57%)
- Magenta (27%)
- Yellow (0%)
- Black (37%)



- Cyan (73%)
- Magenta (54%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4576A1 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 4576A1 by changing the saturation by 10% instead.

■ 4576A1

■ 4576A1

FFFFFF

■ 285D87

■ 7CAAD8

■ 00466D

■ 98C5F5

■ 003055

■ B4E1FF

■ 001B3D

■ D0FEFF

■ 000327

■ EDFFFF

■ 000111

■ 000000

■ 4576A1

■ 4576A1

■ 356EA1

■ 557EA1

■ 2567A1

■ 6585A1

■ 155FA1

■ 758DA1

■ 0558A1

■ 8594A1

■ 0056A1

■ 969CA1

■ A6A3A1

■ B6ABA1

■ C6B2A1

■ D6BAA1

Harmonies

Analogous

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



187C97



4576A1



6C6E9E

Triad

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



4576A1



A06060



537C54

Complementary

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



4576A1



A17045

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.



6F7645



4576A1



98664D

Square

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



4576A1



9C6079



876F42



337E6B

Rectangle

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



4576A1



826895



876F42



5D7A4E

Sweetspot

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



4576A1



AEC0D1



45A170



545F69



E8E8E8



696969

Same Dimension

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



4576A1



418ED1



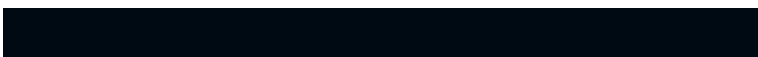
4548A1



494E52



004D91



000A12

Inverse Universe

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



A14576



D1418E



A19E45



52494E



91004D



12000A

Previews

White Background



This preview shows how the Hex color 4576A1 looks on a white background.

Color Contrast Check

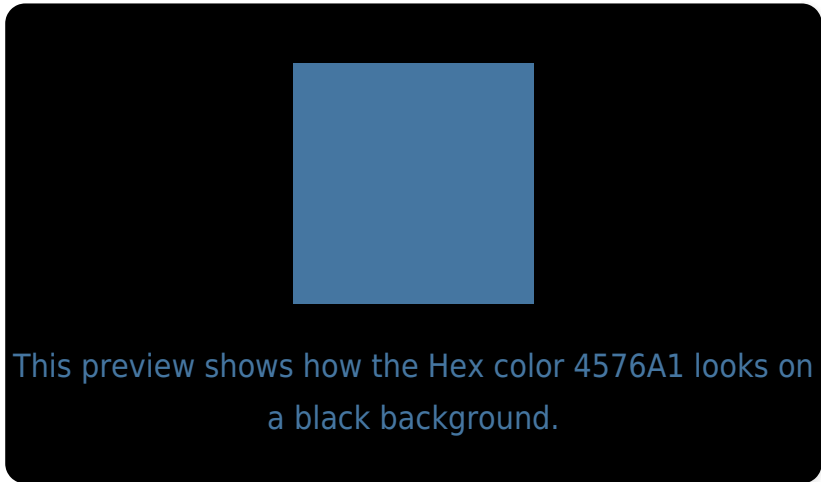
Large Text (above 18pt) WCAG AA ✓ Pass

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

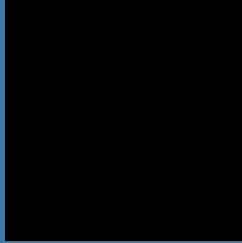
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

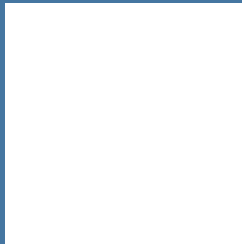
Any Text WCAG AAA × Fail

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

Hex 4576A1 Background



This preview shows how black text looks on a background with the Hex color 4576A1.

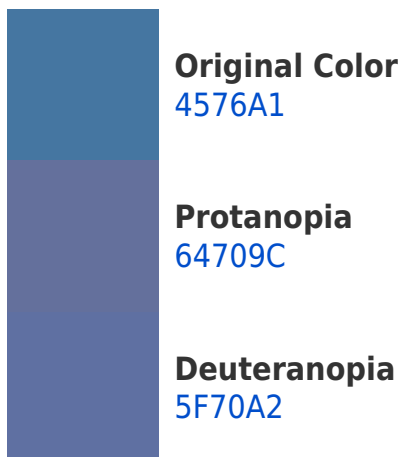


This preview shows how white text looks on a background with the Hex color 4576A1.

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](#).

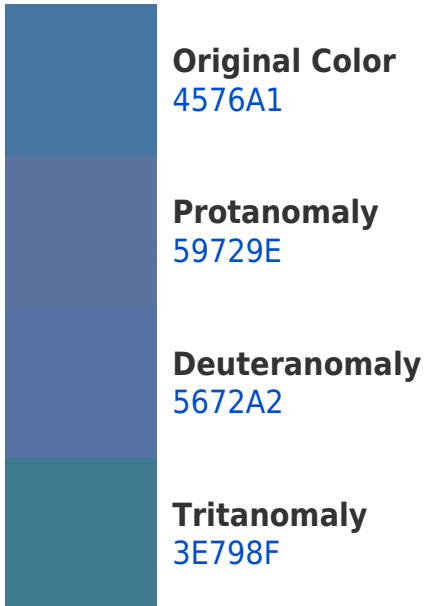
Dichromacy



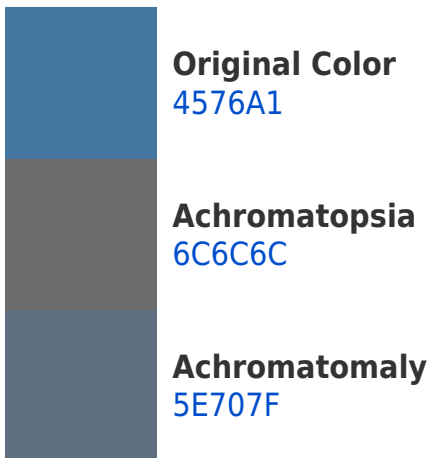


Tritanopia
3A7B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4576A1 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 #4576A1 looks like.

```
.text, #text, p{  
    color:#4576A1  
}
```

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 #4576A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4576A1
}
```

Border

The CSS property to change the border of an element to Hex 4576A1 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
#4576A1 }
```

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

```
.border{ border-color:#4576A1 }
```

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

Here you see how a box with a 4 pixel #4576A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4576A1; -webkit-box-shadow:4px 4px  
4px 4px #4576A1; box-shadow:4px 4px 4px  
4px #4576A1 }
```

Background

The CSS property to change the background color of an element to Hex 4576A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4576A1 }
```

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

```
.background{ background-color:#4576A1 }
```

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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