

Converting Colors

Hex(6569A7)

Have a look what the booklet for
Hex(6569A7) contains.

Hex(6569A7)	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(6569A7)

Conversions

Conversions Part 1

Format	Color
Hex	6569A7
RGB	101, 105, 167
RGB Percent	40%, 41%, 65%
CMY	0.6039, 0.5882, 0.3451
CMYK	0.40, 0.37, 0.00, 0.35
HSL	236°, 27%, 53%
HSV	236°, 40%, 65%
XYZ	17.3935, 15.6599, 38.6651
YIQ	110.8720, -22.2860, 18.4340

Conversions

Conversions Part 2

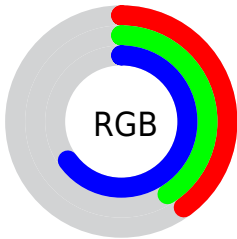
Format	Color
RYB	101, 105, 167
Decimal	6646183
CIELab	46.53, 14.37, -33.83
CIELCh	47, 36.750, 293.010
Yxy	15.6599, 0.2425, 0.2184
Android (android.graphics.Color)	4284836263 (0xFF6569A7)
YUV	110.8720, 27.6711, -8.6577
Hunter-Lab	39.5726, 9.2047, -30.2297

Details

The Hex color **6569A7** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A7A365**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **9A9CDE**, and **313A73** is the 20% darker color. If you saturate the color by 10%, you get **5459A7**, and if you desaturate by 10%, it is **7679A7**.

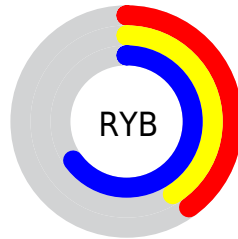
Distribution



Red (40%)

Green (41%)

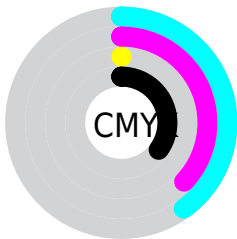
Blue (65%)



Red (40%)

Yellow (41%)

Blue (65%)

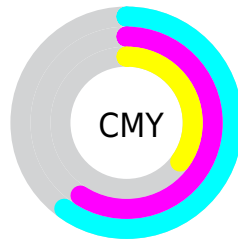


Cyan (40%)

Magenta (37%)

Yellow (0%)

Black (35%)



Cyan (60%)

Magenta (59%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6569A7 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 6569A7 by changing the saturation by 10% instead.



6569A7



6569A7

FFFFFF



4B518C



9A9CDE



313A73



B6B7FB



16255A



D2D3FF



001142



EFEFFF



00032B



000116



000000



6569A7



6569A7



5459A7



7679A7

■ 444AA7

■ 8688A7

■ 333AA7

■ 9798A7

■ 222AA7

■ A8A8A7

■ 111BA7

■ B8B7A7

■ 010BA7

■ C9C7A7

■ 000AA7

■ DAD7A7

■ EBE7A7

■ FBF6A7

Harmonies

Analogous

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



2074AB



6569A7



8D5D94

Triad

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



6569A7



9D5F3E



007D66

Complementary

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



6569A7



A7A365

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.



447A48



6569A7



876A2F

Square

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



6569A7



A85658



697433



007E85

Rectangle

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



6569A7



9E5781



697433



207D5B

Sweetspot

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



6569A7



BFC0D9



65A7A3



5E5F6E



EDEDED



6E6E6E

Same Dimension

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



6569A7



7379D9



8265A7



4C4C54



000994



000114

Inverse Universe

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



A76569



D97379



8AA765



544C4C



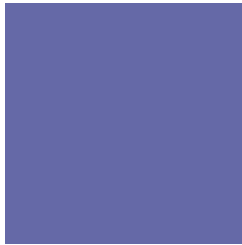
940009



140001

Previews

White Background



This preview shows how the Hex color 6569A7 looks on a white background.

Color Contrast Check

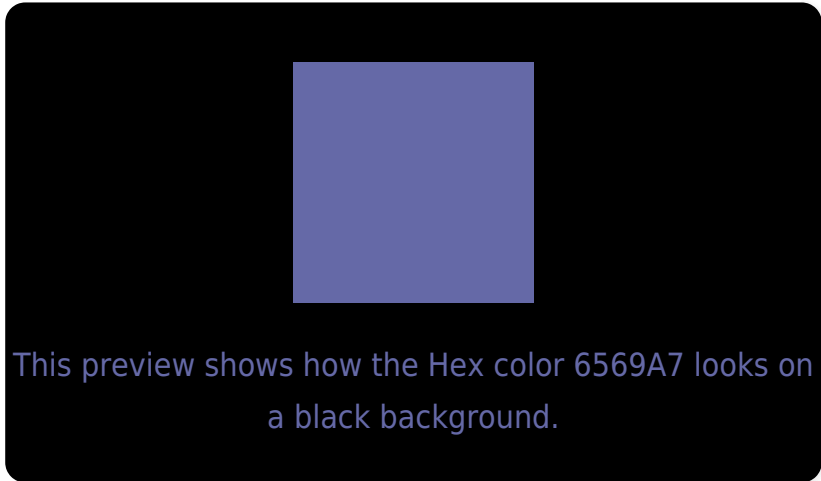
Large Text (above 18pt) WCAG AA ✓ Pass

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

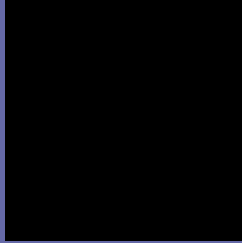
Any Text WCAG AA × Fail

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 6569A7 Background



This preview shows how black text looks on a background with the Hex color 6569A7.

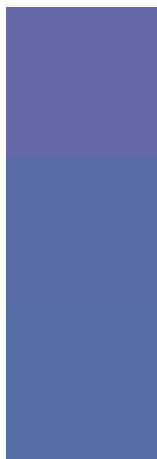


This preview shows how white text looks on a background with the Hex color 6569A7.

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
6569A7

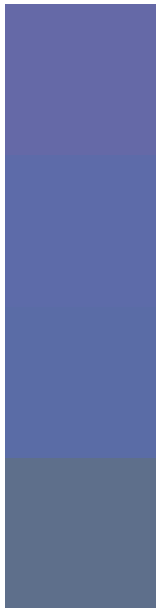
Protanopia
586CAA

Deuteranopia
546EA6



Tritanopia
5A727B

Trichromacy



Original Color
6569A7

Protanomaly
5D6BA9

Deuteranomaly
5A6CA6

Tritanomaly
5E6F8B

Monochromacy



Original Color
6569A7

Achromatopsia
6F6F6F

Achromatomaly
6B6D83

CSS Examples

Text

The CSS property to change the color of the text to Hex 6569A7 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 #6569A7 looks like.

```
.text, #text, p{  
    color:#6569A7  
}
```

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 #6569A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6569A7
}
```

Border

The CSS property to change the border of an element to Hex 6569A7 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
#6569A7 }
```

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

```
.border{ border-color:#6569A7 }
```

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

Here you see how a box with a 4 pixel #6569A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6569A7; -webkit-box-shadow:4px 4px  
4px 4px #6569A7; box-shadow:4px 4px 4px  
4px #6569A7 }
```

Background

The CSS property to change the background color of an element to Hex 6569A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6569A7 }
```

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

```
.background{ background-color:#6569A7 }
```

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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