

Converting Colors

Hex(A564A6)

Have a look what the booklet for
Hex(A564A6) contains.

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Color

Hex(A564A6)

Conversions

Conversions Part 1

Format	Color
Hex	A564A6
RGB	165, 100, 166
RGB Percent	65%, 39%, 65%
CMY	0.3529, 0.6078, 0.3490
CMYK	0.01, 0.40, 0.00, 0.35
HSL	299°, 27%, 52%
HSV	299°, 40%, 65%
XYZ	26.9572, 19.8668, 38.4903
YIQ	126.9590, 17.5540, 34.3060

Conversions

Conversions Part 2

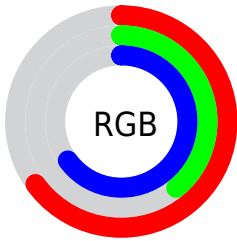
Format	Color
R_{YB}	165, 100, 166
Decimal	10839206
CIE _{Lab}	51.69, 36.76, -24.71
CIE _{LCh}	52, 44.294, 326.086
Yxy	19.8668, 0.3160, 0.2329
Android (android.graphics.Color)	4289029286 (0xFFA564A6)
YUV	126.9590, 19.2472, 33.3620
Hunter-Lab	44.5722, 29.9548, -19.9992

Details

The Hex color **A564A6** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **65A664**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **DD98DD**, and **703272** is the 20% darker color. If you saturate the color by 10%, you get **A553A6**, and if you desaturate by 10%, it is **A575A6**.

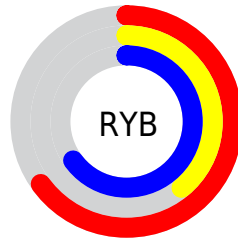
Distribution



Red (65%)

Green (39%)

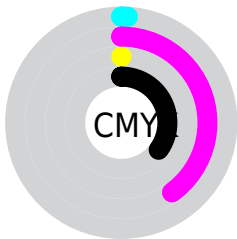
Blue (65%)



Red (65%)

Yellow (39%)

Blue (65%)

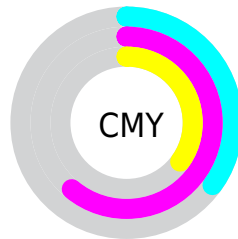


Cyan (1%)

Magenta (40%)

Yellow (0%)

Black (35%)



Cyan (35%)

Magenta (61%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color A564A6 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 A564A6 by changing the saturation by 10% instead.

 A564A6

 A564A6

FFFFFF

 8A4B8B

 DD98DD

 703272

 FAB4FA

 561A59

 FFCFFF

 3D0041

 FFECFF

 28002B

 000015

 000000

 A564A6

 A564A6

 A553A6

 A575A6

 A443A6

 A685A6

 A432A6

 A696A6

 A422A6

 A6A6A6

 A411A6

 A6B7A6

 A300A6

 A7C8A6

 A7D8A6

 A7E9A6

 A7F9A6

Harmonies

Analogous

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



7573BF



A564A6



BE5A82

Triad

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



A564A6



95772C



008E9B

Complementary

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



A564A6



65A664

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.



008E75



A564A6



708333

Square

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



A564A6



B1693D



3F8A4F



008AB9

Rectangle

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



A564A6



C25B68



3F8A4F



008E8F

Sweetspot

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



A564A6



D8BFD9



6465A6



6D5E6E



EDEDED



6E6E6E

Same Dimension

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



A564A6



D771D9



A66486



544C54



920094



140014

Inverse Universe

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



A66465



D97172



64A684



544C4C



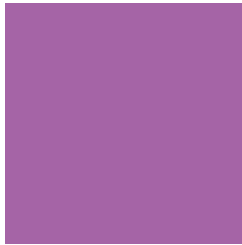
940002



140000

Previews

White Background



This preview shows how the Hex color A564A6 looks on a white background.

Color Contrast Check

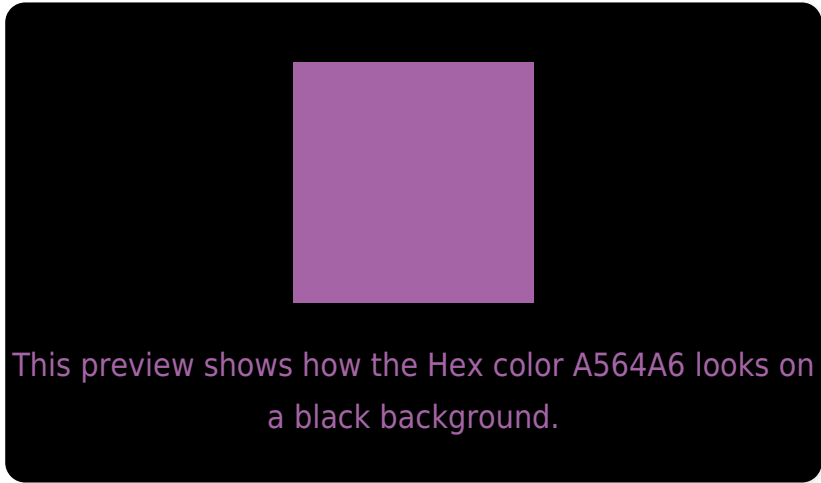
Large Text (above 18pt) WCAG AA ✓ Pass

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

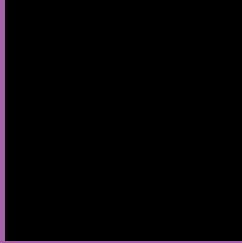
Any Text WCAG AA ✓ Pass

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 A564A6 Background



This preview shows how black text looks on a background with the Hex color A564A6.

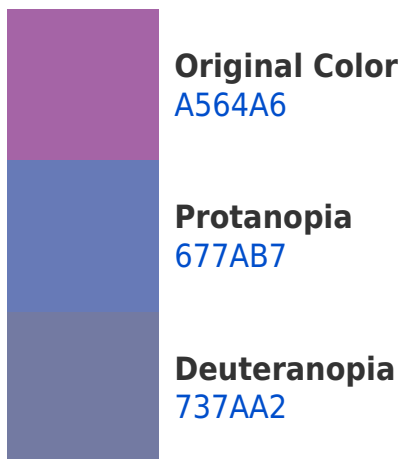


This preview shows how white text looks on a background with the Hex color A564A6.

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



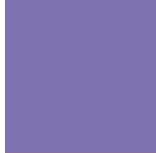


Tritanopia
9F6E77

Trichromacy



Original Color
A564A6



Protanomaly
7E72B1



Deuteranomaly
8572A3



Tritanomaly
A16A88

Monochromacy



Original Color
A564A6



Achromatopsia
7F7F7F



Achromatomaly
8D758D

CSS Examples

Text

The CSS property to change the color of the text to Hex A564A6 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 #A564A6 looks like.

```
.text, #text, p{  
    color:#A564A6  
}
```

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 #A564A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A564A6
}
```

Border

The CSS property to change the border of an element to Hex A564A6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

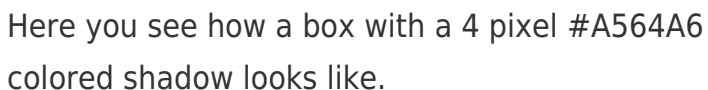
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A564A6 }
```

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

```
.border{ border-color:#A564A6 }
```

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



Here you see how a box with a 4 pixel #A564A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A564A6; -webkit-box-shadow:4px 4px  
4px 4px #A564A6; box-shadow:4px 4px 4px  
4px #A564A6 }
```

Background

The CSS property to change the background color of an element to Hex A564A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A564A6 }
```

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

```
.background{ background-color:#A564A6 }
```

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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