

Converting Colors

Hex(A566D6)

Have a look what the booklet for
Hex(A566D6) contains.

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Color

Hex(A566D6)

Conversions

Conversions Part 1

Format	Color
Hex	A566D6
RGB	165, 102, 214
RGB Percent	65%, 40%, 84%
CMY	0.3529, 0.6000, 0.1608
CMYK	0.23, 0.52, 0.00, 0.16
HSL	274°, 58%, 62%
HSV	274°, 52%, 84%
XYZ	32.4060, 22.3571, 66.2257
YIQ	133.6050, 1.5960, 48.1880

Conversions

Conversions Part 2

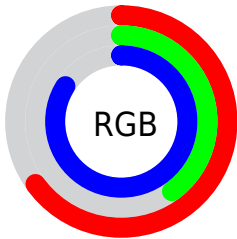
Format	Color
R _Y B	165, 102, 214
Decimal	10839766
CIE _{Lab}	54.40, 45.84, -48.07
CIE _{LCh}	54, 66.419, 313.638
Yxy	22.3571, 0.2678, 0.1848
Android (android.graphics.Color)	4289029846 (0xFFA566D6)
YUV	133.6050, 39.6347, 27.5334
Hunter-Lab	47.2833, 39.5907, -49.9441

Details

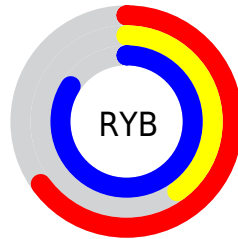
The Hex color **A566D6** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **97D666**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **DE9BFF**, and **6E339F** is the 20% darker color. If you saturate the color by 10%, you get **9C51D6**, and if you desaturate by 10%, it is **AE7BD6**.

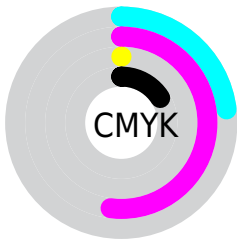
Distribution



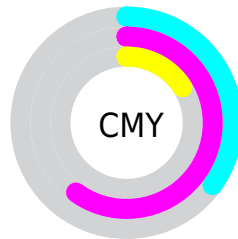
- Red (65%)
- Green (40%)
- Blue (84%)



- Red (65%)
- Yellow (40%)
- Blue (84%)



- Cyan (23%)
- Magenta (52%)
- Yellow (0%)
- Black (16%)



- Cyan (35%)
- Magenta (60%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color A566D6 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 A566D6 by changing the saturation by 10% instead.

 A566D6

 A566D6

FFFFFF

 894DBA

 DE9BFF

 6E339F

 FCB6FF

 531A84

 FFD2FF

 38006A

 FFEFFF

 1D0051

 00003A

 000223

 00000A

 000000

 A566D6

 A566D6

 9C51D6

 AE7BD6

 923BD6

 B891D6

 8926D6

 C1A6D6

 8010D6

 CABCD6

 7800D6

 D4D1D6

 DDE6D6

 E7FCD6

 F0FFD6

 F9FFD6

Harmonies

Analogous

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



2880F3



A566D6



D84BA4

Triad

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



A566D6



B67400



009C9C

Complementary

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



A566D6



97D666

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.



009A60



A566D6



848800

Square

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



A566D6



D95A34



409425



009AD0

Rectangle

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



A566D6



E6437E



409425



009C88

Sweetspot

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



A566D6



EDD6FF



6698D6



756780



000000



808080

Same Dimension

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



A566D6



B95EFF



D666D0



66606B



6000AB



18002B

Inverse Universe

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



D66697



FF5EA5



66D66C



6B6065



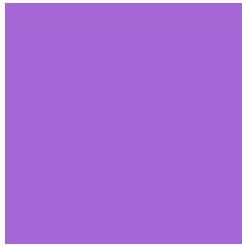
AB004B



2B0013

Previews

White Background



This preview shows how the Hex color A566D6 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

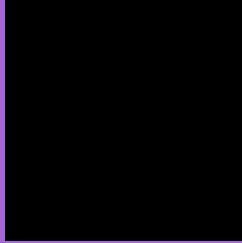
Any Text WCAG AA ✓ Pass

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 A566D6 Background



This preview shows how black text looks on a background with the Hex color A566D6.

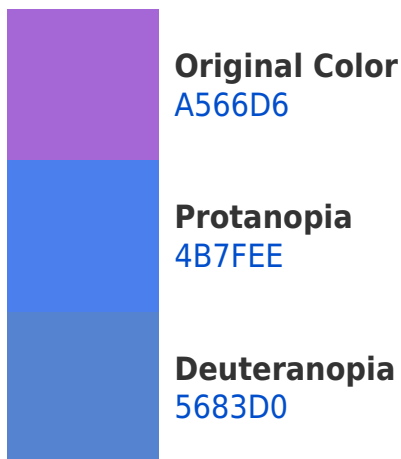



This preview shows how white text looks on a background with the Hex color A566D6.

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](#).

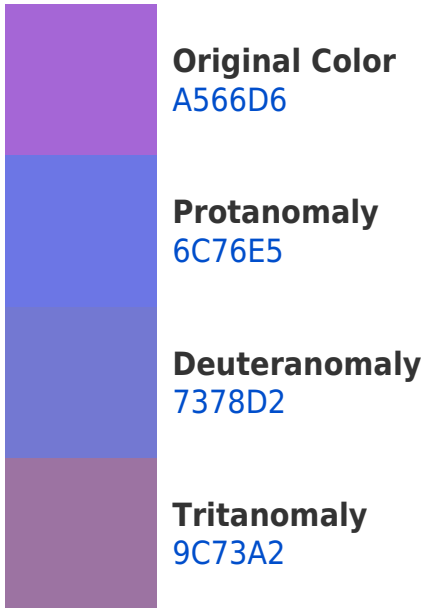
Dichromacy



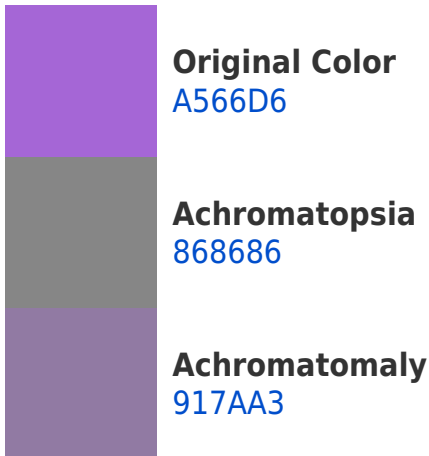


Tritanopia
977A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A566D6 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 #A566D6 looks like.

```
.text, #text, p{  
  color:#A566D6  
}
```

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 #A566D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A566D6
}
```

Border

The CSS property to change the border of an element to Hex A566D6 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
#A566D6 }
```

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

```
.border{ border-color:#A566D6 }
```

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

Here you see how a box with a 4 pixel #A566D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A566D6; -webkit-box-shadow:4px 4px  
4px 4px #A566D6; box-shadow:4px 4px 4px  
4px #A566D6 }
```

Background

The CSS property to change the background color of an element to Hex A566D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A566D6 }
```

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

```
.background{ background-color:#A566D6 }
```

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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