

Converting Colors

Hex(A156D4)

Have a look what the booklet for
Hex(A156D4) contains.

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Color

Hex(A156D4)

Conversions

Conversions Part 1

Format	Color
Hex	A156D4
RGB	161, 86, 212
RGB Percent	63%, 34%, 83%
CMY	0.3686, 0.6627, 0.1686
CMYK	0.24, 0.59, 0.00, 0.17
HSL	276°, 59%, 58%
HSV	276°, 59%, 83%
XYZ	29.9094, 18.9861, 64.3756
YIQ	122.7890, 4.2540, 55.0860

Conversions

Conversions Part 2

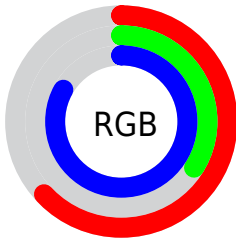
Format	Color
RYB	161, 86, 212
Decimal	10573524
CIELab	50.67, 52.71, -52.91
CIELCh	51, 74.689, 314.893
Yxy	18.9861, 0.2641, 0.1676
Android (android.graphics.Color)	4288763604 (0xFFA156D4)
YUV	122.7890, 43.9810, 33.5110
Hunter-Lab	43.5731, 46.2730, -57.0950

Details

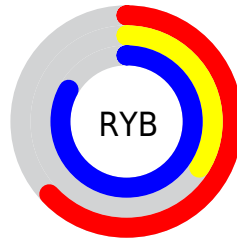
The Hex color **A156D4** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **89D456**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **DB8BFF**, and **69219D** is the 20% darker color. If you saturate the color by 10%, you get **9841D4**, and if you desaturate by 10%, it is **AA6BD4**.

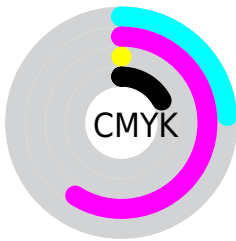
Distribution



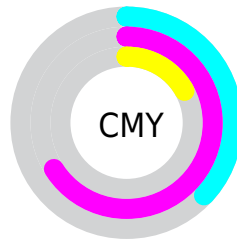
- Red (63%)
- Green (34%)
- Blue (83%)



- Red (63%)
- Yellow (34%)
- Blue (83%)



- Cyan (24%)
- Magenta (59%)
- Yellow (0%)
- Black (17%)



- Cyan (37%)
- Magenta (66%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color A156D4 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 A156D4 by changing the saturation by 10% instead.

 A156D4

 A156D4

FFFFFF

 853CB8

 DB8BFF

 69219D

 F8A6FF

 4E0082

 FFC2FF


 320068

 FFDFFF

 19004F

 FFFCFF

 000037

 000221

 000006

 000000

 A156D4

 A156D4

 9841D4

 AA6BD4

 902CD4

 B280D4

 8716D4

 BB96D4

 7F01D4

 C3ABD4

 7E00D4

 CCC0D4

 D4D5D4

 DDEAD4

 E6FFD4

 EEFFD4

Harmonies

Analogous

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



0076F5



A156D4



D82E9C

Triad

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



A156D4



AC6A00



009498

Complementary

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



A156D4



89D456

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.



009255



A156D4



758000

Square

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



A156D4



D5491E



1A8C04



0092D2

Rectangle

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



A156D4



E62071



1A8C04



009482

Sweetspot

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



A156D4



ECD1FF



568BD4



746380



000000



808080

Same Dimension

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



A156D4



B64AFF



D456CA



67606B



6600AB



1A002B

Inverse Universe

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



D45689



FF4A93



56D460



6B6065



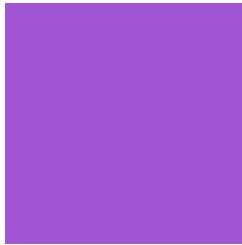
AB0045



2B0012

Previews

White Background



This preview shows how the Hex color A156D4 looks on a white background.

Color Contrast Check

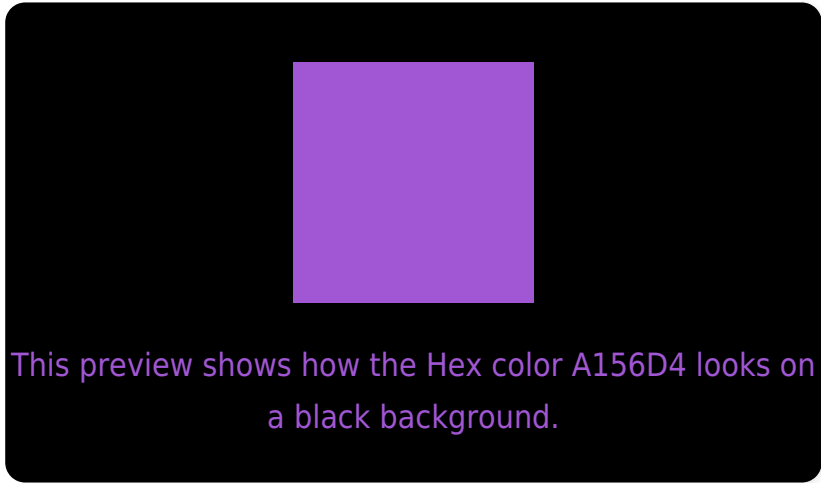
Large Text (above 18pt) WCAG AA ✓ Pass

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

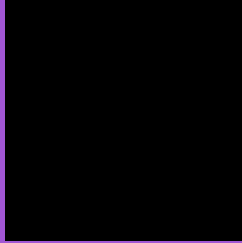
Any Text WCAG AA ✓ Pass

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 A156D4 Background



This preview shows how black text looks on a background with the Hex color A156D4.

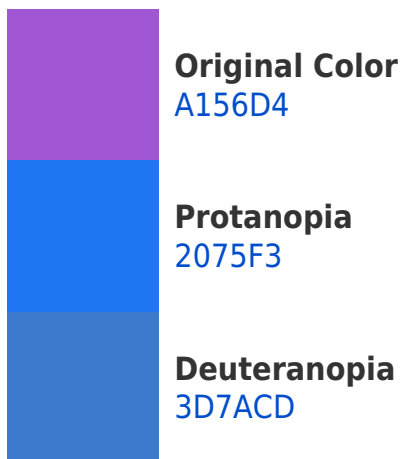


This preview shows how white text looks on a background with the Hex color A156D4.

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](#).

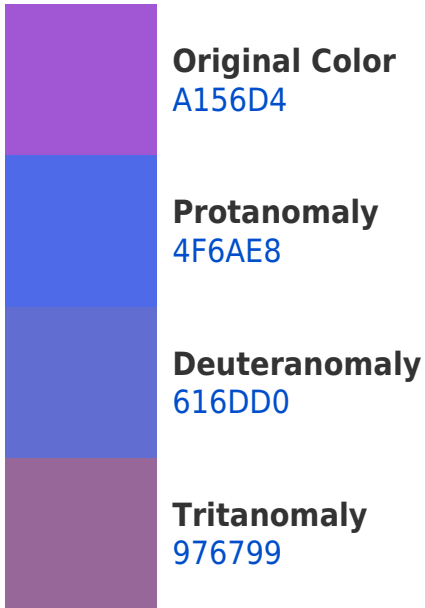
Dichromacy



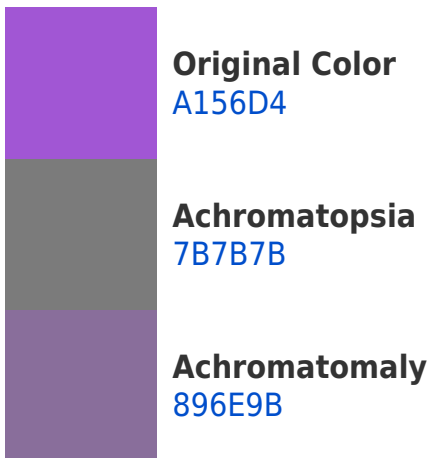


Tritanopia
927078

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A156D4 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 #A156D4 looks like.

```
.text, #text, p{  
    color:#A156D4  
}
```

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 #A156D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A156D4
}
```

Border

The CSS property to change the border of an element to Hex A156D4 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
#A156D4 }
```

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

```
.border{ border-color:#A156D4 }
```

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

Here you see how a box with a 4 pixel #A156D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A156D4; -webkit-box-shadow:4px 4px  
4px 4px #A156D4; box-shadow:4px 4px 4px  
4px #A156D4 }
```

Background

The CSS property to change the background color of an element to Hex A156D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A156D4 }
```

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

```
.background{ background-color:#A156D4 }
```

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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