

Converting Colors

Hex(A36BD6)

Have a look what the booklet for
Hex(A36BD6) contains.

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Color

Hex(A36BD6)

Conversions

Conversions Part 1

Format	Color
Hex	A36BD6
RGB	163, 107, 214
RGB Percent	64%, 42%, 84%
CMY	0.3608, 0.5804, 0.1608
CMYK	0.24, 0.50, 0.00, 0.16
HSL	271°, 57%, 63%
HSV	271°, 50%, 84%
XYZ	32.4996, 23.1570, 66.3752
YIQ	135.9420, -0.9710, 45.1490

Conversions

Conversions Part 2

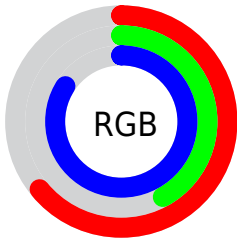
Format	Color
R _Y B	163, 107, 214
Decimal	10709974
CIE Lab	55.23, 42.59, -46.76
CIE LCh	55, 63.255, 312.328
Yxy	23.1570, 0.2663, 0.1898
Android (android.graphics.Color)	4288900054 (0xFFA36BD6)
YUV	135.9420, 38.4826, 23.7299
Hunter-Lab	48.1217, 36.3392, -48.0947

Details

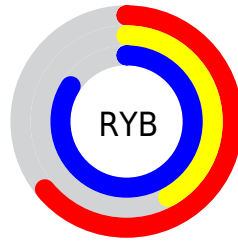
The Hex color **A36BD6** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **9ED66B**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **DCA0FF**, and **6C399F** is the 20% darker color. If you saturate the color by 10%, you get **9956D6**, and if you desaturate by 10%, it is **AD80D6**.

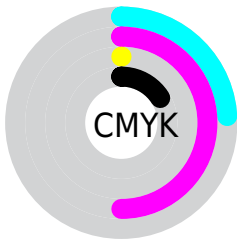
Distribution



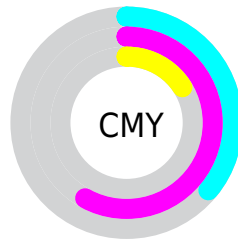
- Red (64%)
- Green (42%)
- Blue (84%)



- Red (64%)
- Yellow (42%)
- Blue (84%)



- Cyan (24%)
- Magenta (50%)
- Yellow (0%)
- Black (16%)



- Cyan (36%)
- Magenta (58%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color A36BD6 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 A36BD6 by changing the saturation by 10% instead.

 A36BD6

 A36BD6

FFFFFF

 8752BA

 DCA0FF

 6C399F

 F9BBFF

 522084

 FFD7FF

 37046A

 FFF4FF

 1B0051

 00003A

 000223

 00000A

 000000

 A36BD6

 A36BD6

 9956D6

 AD80D6

 8F40D6

 B796D6

 842BD6

 C2ABD6

 7A15D6

 CCC1D6

 7000D6

 D6D6D6

 E0EBD6

 EAFFD6

 F5FFD6

 FFFFD6

Harmonies

Analogous

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



2F83F0



A36BD6



D653A7

Triad

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



A36BD6



B97609



009E9A

Complementary

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



A36BD6



9ED66B

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.



009B61



A36BD6



898900

Square

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



A36BD6



DA5E3C



4B952B



009BCD

Rectangle

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



A36BD6



E44B82



4B952B



009D87

Sweetspot

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



A36BD6



EDD9FF



6B9FD6



756980



000000



808080

Same Dimension

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



A36BD6



B666FF



D66BD4



66606B



5900AB



17002B

Inverse Universe

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



D66B9E



FF66AF



6BD66D



6B6065



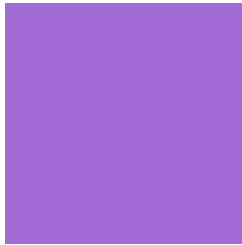
AB0051



2B0015

Previews

White Background



This preview shows how the Hex color A36BD6 looks on a white background.

Color Contrast Check

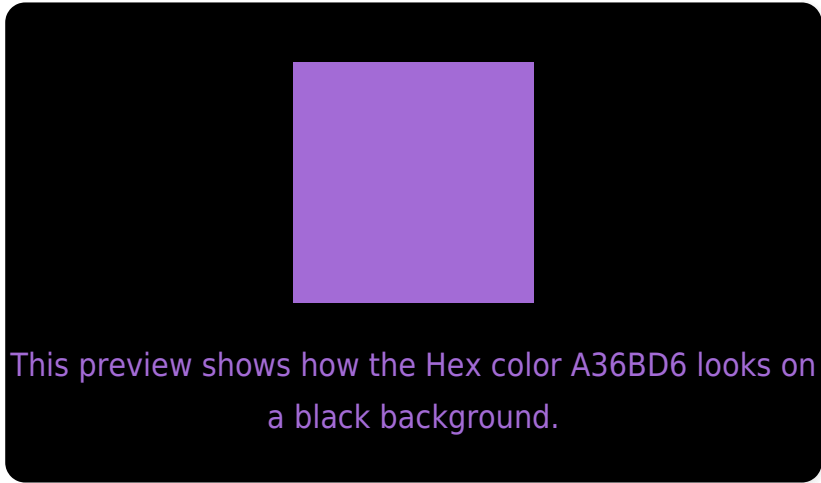
Large Text (above 18pt) WCAG AA ✓ Pass

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

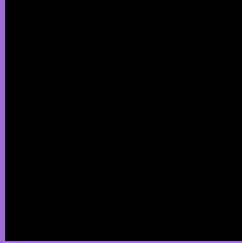
Any Text WCAG AA ✓ Pass

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 A36BD6 Background



This preview shows how black text looks on a background with the Hex color A36BD6.

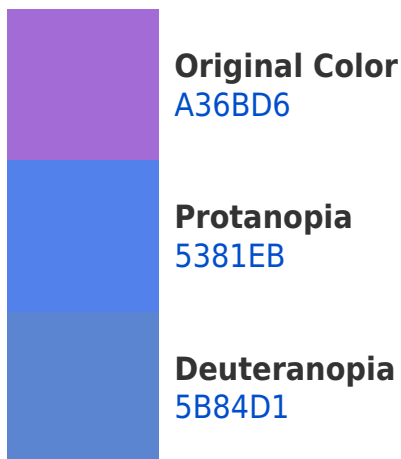


This preview shows how white text looks on a background with the Hex color A36BD6.

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](#).

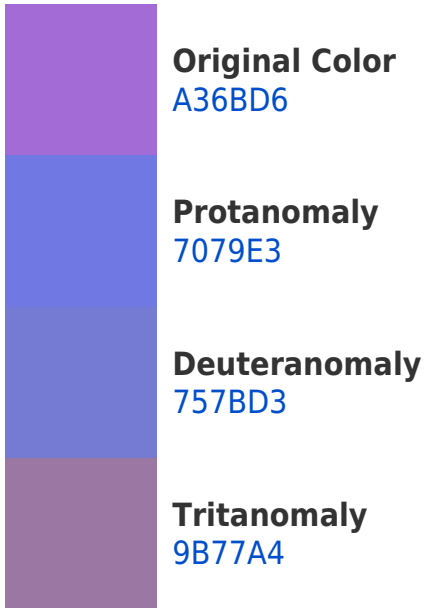
Dichromacy



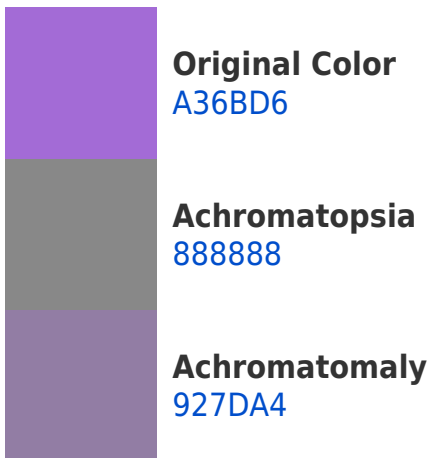


Tritanopia
967E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A36BD6 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 #A36BD6 looks like.

```
.text, #text, p{  
    color:#A36BD6  
}
```

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 #A36BD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A36BD6  
}
```

Border

The CSS property to change the border of an element to Hex A36BD6 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  
#A36BD6 }
```

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

```
.border{ border-color:#A36BD6 }
```

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

Here you see how a box with a 4 pixel #A36BD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A36BD6; -webkit-box-shadow:4px 4px  
4px 4px #A36BD6; box-shadow:4px 4px 4px  
4px #A36BD6 }
```

Background

The CSS property to change the background color of an element to Hex A36BD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A36BD6 }
```

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

```
.background{ background-color:#A36BD6 }
```

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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