

# Converting Colors

Hex(A15EB4)

Have a look what the booklet for  
Hex(A15EB4) contains.

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# Color

**Hex(A15EB4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A15EB4
RGB	161, 94, 180
RGB Percent	63%, 37%, 71%
CMY	0.3686, 0.6314, 0.2941
CMYK	0.11, 0.48, 0.00, 0.29
HSL	287°, 36%, 54%
HSV	287°, 48%, 71%
XYZ	26.9389, 18.8778, 45.4040
YIQ	123.8370, 12.3260, 40.9500

# Conversions

## Conversions Part 2

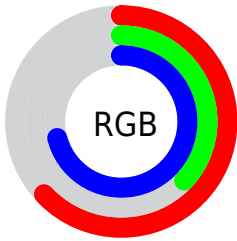
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 94, 180
Decimal	10575540
CIE <sub>Lab</sub>	50.54, 41.61, -34.69
CIE <sub>LCh</sub>	51, 54.172, 320.182
Yxy	18.8778, 0.2953, 0.2069
Android (android.graphics.Color)	4288765620 (0xFFA15EB4)
YUV	123.8370, 27.6884, 32.5920
Hunter-Lab	43.4485, 34.6382, -31.5444

# Details

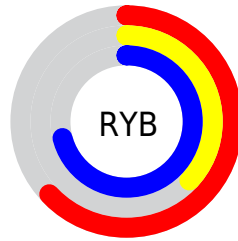
The Hex color **A15EB4** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **71B45E**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **D992EC**, and **6B2C7F** is the 20% darker color. If you saturate the color by 10%, you get **9D4CB4**, and if you desaturate by 10%, it is **A570B4**.

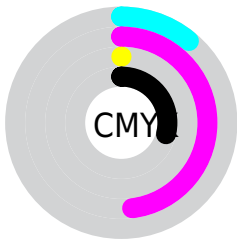
# Distribution



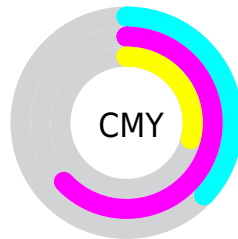
- Red (63%)
- Green (37%)
- Blue (71%)



- Red (63%)
- Yellow (37%)
- Blue (71%)



- Cyan (11%)
- Magenta (48%)
- Yellow (0%)
- Black (29%)



- Cyan (37%)
- Magenta (63%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A15EB4 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 A15EB4 by changing the saturation by 10% instead.



 A15EB4

 A15EB4

FFFFFF

 864599

 D992EC

 6B2C7F

 F6AEFF

 511165

 FFC9FF

 38004D

 FFE6FF

 240036

 00011F

 000003

 000000

 A15EB4

 A15EB4

9D4CB4

A570B4

993AB4

A982B4

9528B4

AD94B4

9116B4

B1A6B4

8D04B4

B5B8B4

8C00B4

B9CAB4

BDDCB4

C1EEB4

C5FFB4

# Harmonies

## Analogous

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



5B72CF



A15EB4



C44D8A

# Triad

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



A15EB4



9C7111



008E97

# Complementary

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



A15EB4



71B45E

# 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.



008D67



A15EB4



727F14

# Square

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



A15EB4



BC5E32



378939



008BBF

# Rectangle

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



A15EB4



CC4B6A



378939



008E87



# Sweetspot

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



A15EB4



E3CAEB



5E72B4



716175



F5F5F5



757575



# Same Dimension

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



A15EB4



CD65EB



B45E9D



575059



770099



14001A



# Inverse Universe

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



B45E71



EB6582



5EB475



595052



990022

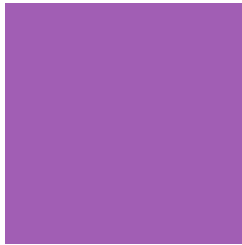


1A0006



# Previews

## White Background



This preview shows how the Hex color A15EB4 looks on a white background.

## Color Contrast Check

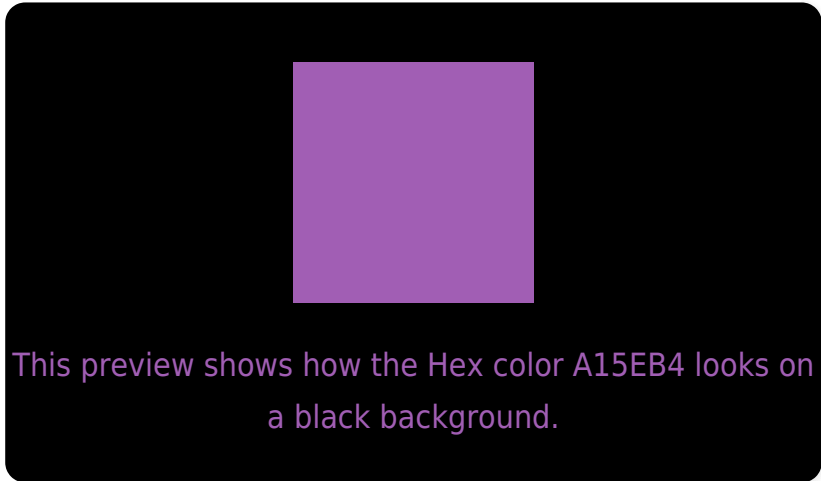
Large Text (above 18pt) WCAG AA ✓ Pass

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

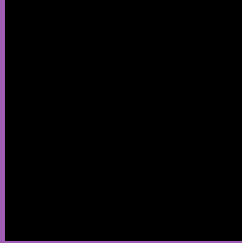
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A15EB4 Background



This preview shows how black text looks on a background with the Hex color A15EB4.

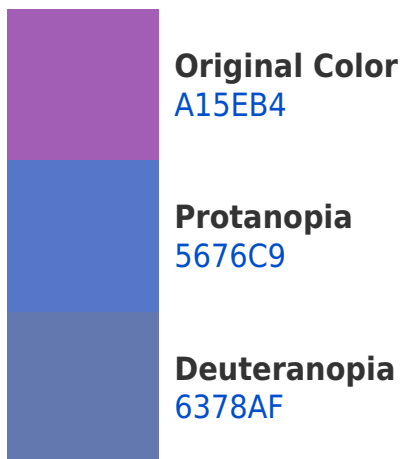



This preview shows how white text looks on a background with the Hex color A15EB4.

# 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](#).

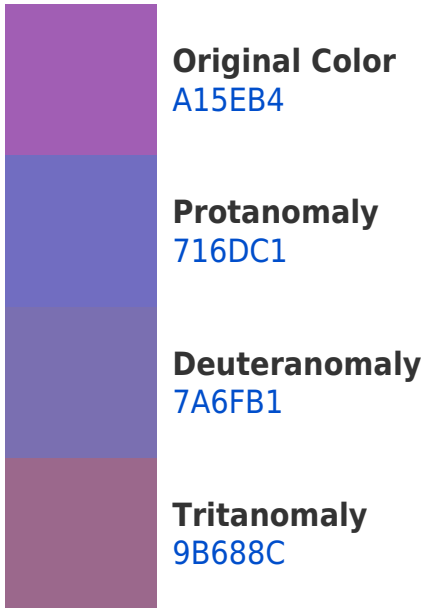
## Dichromacy



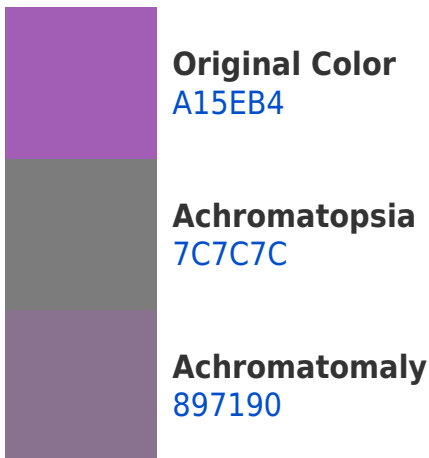


**Tritanopia**  
986D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A15EB4 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 #A15EB4 looks like.

```
.text, #text, p{  
    color:#A15EB4  
}
```

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 #A15EB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A15EB4
}
```

## Border

The CSS property to change the border of an element to Hex A15EB4 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
#A15EB4 }
```

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

```
.border{ border-color:#A15EB4 }
```

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

Here you see how a box with a 4 pixel #A15EB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A15EB4; -webkit-box-shadow:4px 4px  
4px 4px #A15EB4; box-shadow:4px 4px 4px  
4px #A15EB4 }
```

# Background

The CSS property to change the background color of an element to Hex A15EB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A15EB4 }
```

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

```
.background{ background-color:#A15EB4 }
```

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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