

Converting Colors

Hex(5615AE)

Have a look what the booklet for
Hex(5615AE) contains.

Hex(5615AE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5615AE)

Conversions

Conversions Part 1

Format	Color
Hex	5615AE
RGB	86, 21, 174
RGB Percent	34%, 8%, 68%
CMY	0.6627, 0.9176, 0.3176
CMYK	0.51, 0.88, 0.00, 0.32
HSL	265°, 78%, 38%
HSV	265°, 88%, 68%
XYZ	11.7459, 5.5708, 40.5006
YIQ	57.8770, -10.3730, 61.3630

Conversions

Conversions Part 2

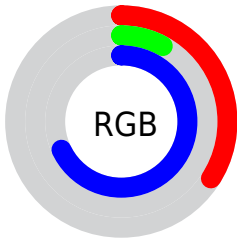
Format	Color
R _Y B	86, 21, 174
Decimal	5641646
CIE Lab	28.30, 58.09, -67.45
CIE LCh	28, 89.017, 310.736
Yxy	5.5708, 0.2032, 0.0964
Android (android.graphics.Color)	4283831726 (0xFF5615AE)
YUV	57.8770, 57.2486, 24.6639
Hunter-Lab	23.6025, 47.5273, -85.2169

Details

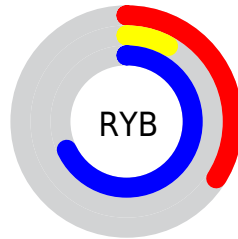
The Hex color **5615AE** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **6DAE15**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **914DE7**, and **0C0078** is the 20% darker color. If you saturate the color by 10%, you get **4C04AE**, and if you desaturate by 10%, it is **6026AE**.

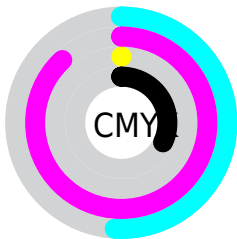
Distribution



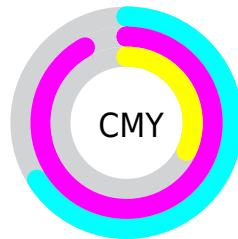
- Red (34%)
- Green (8%)
- Blue (68%)



- Red (34%)
- Yellow (8%)
- Blue (68%)



- Cyan (51%)
- Magenta (88%)
- Yellow (0%)
- Black (32%)



- Cyan (66%)
- Magenta (92%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5615AE 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 5615AE by changing the saturation by 10% instead.

■ 5615AE

■ 5615AE

FFFFFF

■ 370093

■ 914DE7

■ 0C0078

■ AE67FF

■ 00005E

■ CC82FF

■ 000246

■ E99DFF

■ 00042E

■ FFB9FF

■ 000119

■ FFD5FF

■ 000000

■ FFF2FF

■ 5615AE

■ 5615AE

■ 4C04AE

■ 6026AE

■ 4A00AE

■ 6A38AE

■ 7449AE

■ 7E5BAE

■ 886CAE

■ 927DAE

■ 9C8FAE

■ A6A0AE

■ B0B2AE

Harmonies

Analogous

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



0047CF



5615AE



9F0072

Triad

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



5615AE



752C00



00595B

Complementary

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



5615AE



6DAE15

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.



00570D



5615AE



3C4800

Square

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



5615AE



9E0000



005300



005B9D

Rectangle

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



5615AE



AF0045



005300



005943

Sweetspot

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



5615AE



C1A8E3



156EAE



5E4F73



F2F2F2



737373

Same Dimension

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



5615AE



6000E3



A115AE



524E57



400096



0A0017

Inverse Universe

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



AE156D



E30083



22AE15



574E53



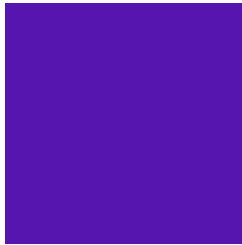
960057



17000D

Previews

White Background



This preview shows how the Hex color 5615AE looks on a white background.

Color Contrast Check

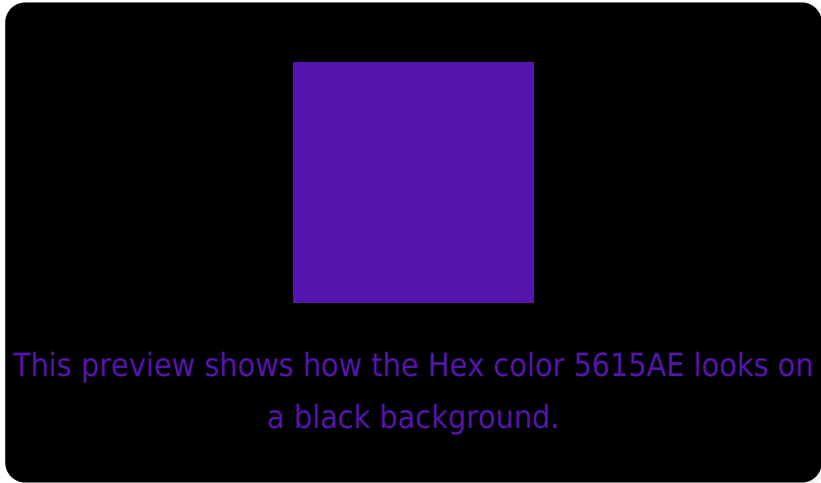
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

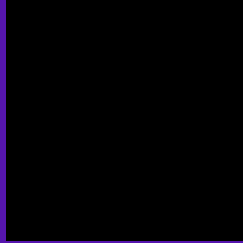
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 5615AE Background



This preview shows how black text looks on a background with the Hex color 5615AE.



This preview shows how white text looks on a background with the Hex color 5615AE.

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



Original Color
5615AE

Protanopia
00428A

Deuteranopia
004676



Tritanopia
39464B

Trichromacy



Original Color
5615AE

Protanomaly
1F3297

Deuteranomaly
1F348A

Tritanomaly
44346F

Monochromacy



Original Color
5615AE

Achromatopsia
3A3A3A

Achromatomaly
442D64

CSS Examples

Text

The CSS property to change the color of the text to Hex 5615AE 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 #5615AE looks like.

```
.text, #text, p{  
    color:#5615AE  
}
```

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 #5615AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5615AE
}
```

Border

The CSS property to change the border of an element to Hex 5615AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

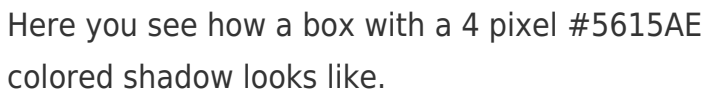
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5615AE }
```

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

```
.border{ border-color:#5615AE }
```

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



Here you see how a box with a 4 pixel #5615AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5615AE; -webkit-box-shadow:4px 4px  
4px 4px #5615AE; box-shadow:4px 4px 4px  
4px #5615AE }
```

Background

The CSS property to change the background color of an element to Hex 5615AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5615AE }
```

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

```
.background{ background-color:#5615AE }
```

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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