

Converting Colors

Hex(A245E5)

Have a look what the booklet for
Hex(A245E5) contains.

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Color

Hex(A245E5)

Conversions

Conversions Part 1	
Format	Color
Hex	A245E5
RGB	162, 69, 229
RGB Percent	64%, 27%, 90%
CMY	0.3647, 0.7294, 0.1020
CMYK	0.29, 0.70, 0.00, 0.10
HSL	275°, 75%, 58%
HSV	275°, 70%, 90%
XYZ	31.1713, 17.5948, 75.8820
YIQ	115.0470, 4.0680, 69.4760

Conversions

Conversions Part 2

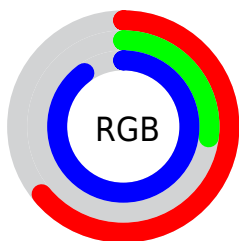
Format	Color
RYB	162, 69, 229
Decimal	10634725
CIELab	49.00, 64.63, -65.25
CIELCh	49, 91.839, 314.727
Yxy	17.5948, 0.2501, 0.1412
Android (android.graphics.Color)	4288824805 (0xFFA245E5)
YUV	115.0470, 56.1788, 41.1778
Hunter-Lab	41.9461, 59.2424, -77.8954

Details

The Hex color **A245E5** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **88E545**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **DD7CFF**, and **6800AC** is the 20% darker color. If you saturate the color by 10%, you get **982EE5**, and if you desaturate by 10%, it is **AC5CE5**.

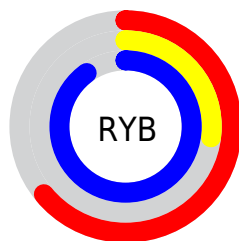
Distribution



Red (64%)

Green (27%)

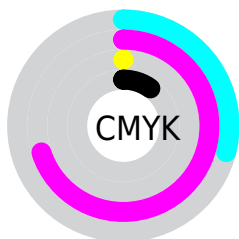
Blue (90%)



Red (64%)

Yellow (27%)

Blue (90%)

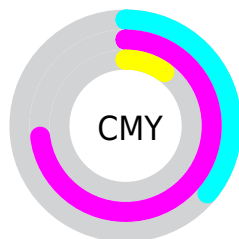


Cyan (29%)

Magenta (70%)

Yellow (0%)

Black (10%)



Cyan (36%)

Magenta (73%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color A245E5 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 A245E5 by changing the saturation by 10% instead.

 A245E5

FFFFFF

 DD7CFF

 FB98FF

 FFB4FF

 FFD1FF

 FFEEFF

 A245E5

 8528C8

 6800AC

 4B0091

 2B0077

 06005D

 000044

 00032D

 000117

 000000

 A245E5

 A245E5

 982EE5

 AC5CE5

 8F17E5

 B573E5

 8500E5

 BF8AE5

 C8A1E5

 D2B8E5

 DCCEE5

 E5E5E5

 EFFCE5

 F8FFE5

Harmonies

Analogous

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



0072FF



A245E5



E600A0

Triad

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



A245E5



AE6200



00939A

Complementary

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



A245E5



88E545

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.



009148



A245E5



6B7D00

Square

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



A245E5



DF2E00



008B00



0092E2

Rectangle

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



A245E5



F6006C



008B00



00937F

Sweetspot

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



A245E5



E9C9FF



458AE5



726080



000000



808080

Same Dimension

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



A245E5



A529FF



E545DA



6E6773



6800B3



1E0033

Inverse Universe

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



E54588



FF2982



45E550



73676C



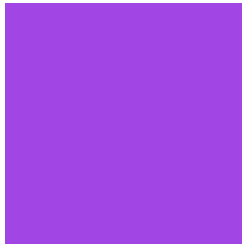
B3004B



330015

Previews

White Background



This preview shows how the Hex color A245E5 looks on a white background.

Color Contrast Check

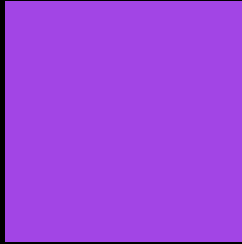
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color A245E5 looks on a 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 A245E5 Background



This preview shows how black text looks on a background with the Hex color A245E5.



This preview shows how white text looks on a background with the Hex color A245E5.

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

A245E5

Protanopia

0070EE





Deuteranopia

0077D1



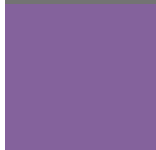


Tritanopia
8E6B73

Trichromacy

	Original Color A245E5
	Protanomaly 3B60EB
	Deuteranomaly 3B65D8
	Tritanomaly 955D9C

Monochromacy

	Original Color A245E5
	Achromatopsia 737373
	Achromatomaly 84629C

CSS Examples

Text

The CSS property to change the color of the text to Hex A245E5 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 #A245E5 looks like.

```
.text, #text, p{  
    color:#A245E5  
}
```

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 #A245E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A245E5
}
```

Border

The CSS property to change the border of an element to Hex A245E5 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
#A245E5 }
```

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

```
.border{ border-color:#A245E5 }
```

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

Here you see how a box with a 4 pixel #A245E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A245E5; -webkit-box-shadow:4px 4px  
4px 4px #A245E5; box-shadow:4px 4px 4px  
4px #A245E5 }
```

Background

The CSS property to change the background color of an element to Hex A245E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A245E5 }
```

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

```
.background{ background-color:#A245E5 }
```

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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