

Converting Colors

Hex(A54DE2)

Have a look what the booklet for
Hex(A54DE2) contains.

| | |
|--|----|
| Hex(A54DE2) | 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(A54DE2)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A54DE2 |
| RGB | 165, 77, 226 |
| RGB Percent | 65%, 30%, 89% |
| CMY | 0.3529, 0.6980, 0.1137 |
| CMYK | 0.27, 0.66, 0.00, 0.11 |
| HSL | 275°, 72%, 59% |
| HSV | 275°, 66%, 89% |
| XYZ | 31.8984, 18.7981, 73.8987 |
| YIQ | 120.2980, 4.6190, 64.9950 |

Conversions

Conversions Part 2

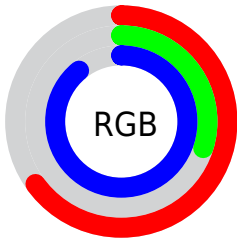
| Format | Color |
|-------------------------------------|--|
| RYB | 165, 77, 226 |
| Decimal | 10833378 |
| CIELab | 50.45, 61.04, -61.19 |
| CIELCh | 50, 86.434, 314.931 |
| Yxy | 18.7981, 0.2560, 0.1509 |
| Android (android.graphics.Color) | 4289023458 (0xFFA54DE2) |
| YUV | 120.2980, 52.1111, 39.2037 |
| Hunter-Lab | 43.3567, 55.4516, -70.7061 |

Details

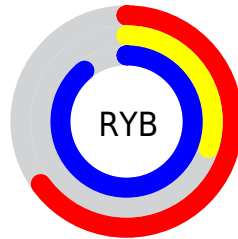
The Hex color **A54DE2** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **8AE24D**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **E083FF**, and **6C10AA** is the 20% darker color. If you saturate the color by 10%, you get **9C36E2**, and if you desaturate by 10%, it is **AE64E2**.

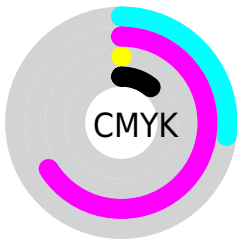
Distribution



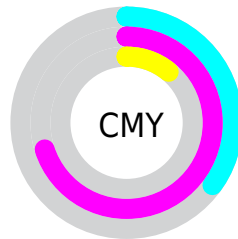
- Red (65%)
- Green (30%)
- Blue (89%)



- Red (65%)
- Yellow (30%)
- Blue (89%)



- Cyan (27%)
- Magenta (66%)
- Yellow (0%)
- Black (11%)



- Cyan (35%)
- Magenta (70%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color A54DE2 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 A54DE2 by changing the saturation by 10% instead.

 A54DE2

 A54DE2

FFFFFF

 8831C5

 E083FF

 6C10AA

 FE9FFF

 4F008F

 FFBBFF

 310074

 FFD8FF

 14005B

 FFF5FF

 000042

 00032B

 000115

 000000

 A54DE2

 A54DE2

 9C36E2

 AE64E2

 9220E2

 B87AE2

 8909E2

 C191E2

 8500E2

 CAA7E2

 D3BEE2

 DDD5E2

 E6EBE2

 EFFF E2

 F8FFE2

Harmonies

Analogous

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



0076FF



A54DE2



E500A0

Triad

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



A54DE2



B06700



00969C

Complementary

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



A54DE2



8AE24D

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.



00944F



A54DE2



718000

Square

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



A54DE2



DF3B05



008E00



0095E0

Rectangle

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



A54DE2



F4006F



008E00



009683

Sweetspot

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



A54DE2



EACCFE



4D8BE2



736180



000000



808080

Same Dimension

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



A54DE2



AD36FF



E24DD6



6C6570



6800B0



1D0030

Inverse Universe

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



E24D8A



FF3688



4DE259



70656A



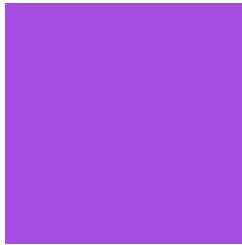
B00048



300014

Previews

White Background



This preview shows how the Hex color A54DE2 looks on a white background.

Color Contrast Check

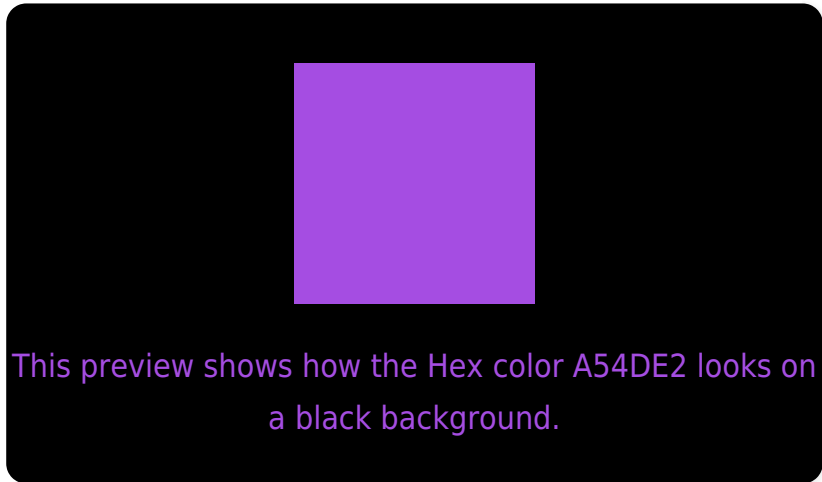
Large Text (above 18pt) WCAG AA ✓ Pass

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

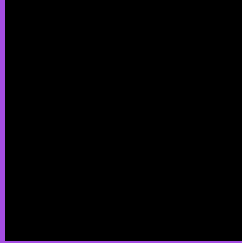
Any Text WCAG AA ✓ Pass

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 A54DE2 Background



This preview shows how black text looks on a background with the Hex color A54DE2.

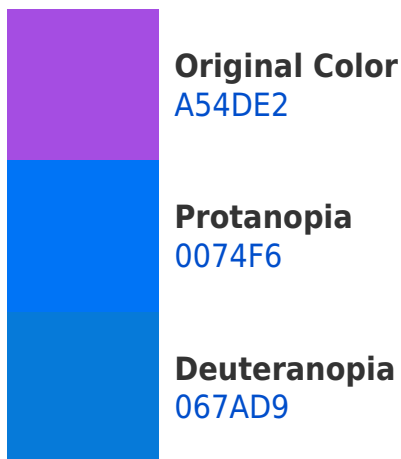


This preview shows how white text looks on a background with the Hex color A54DE2.

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](#).

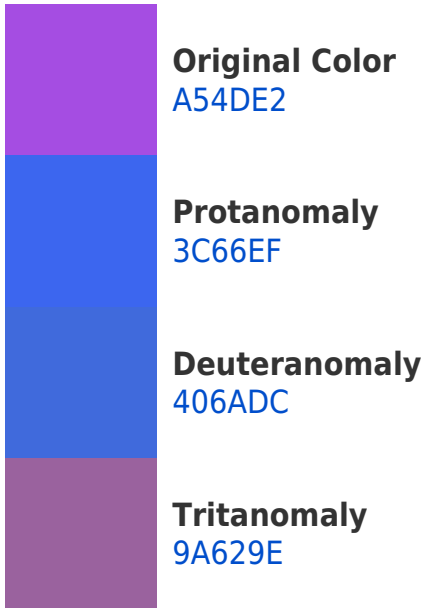
Dichromacy



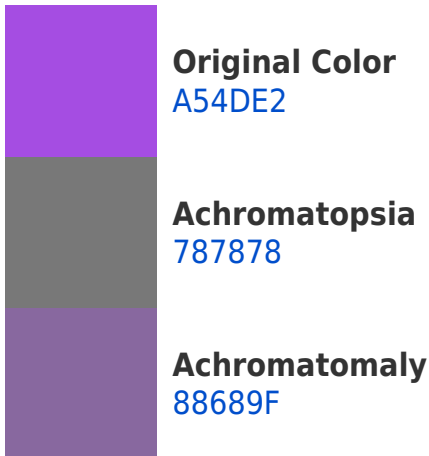


Tritanopia
936E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A54DE2 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 #A54DE2 looks like.

```
.text, #text, p{  
    color:#A54DE2  
}
```

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 #A54DE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A54DE2
}
```

Border

The CSS property to change the border of an element to Hex A54DE2 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
#A54DE2 }
```

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

```
.border{ border-color:#A54DE2 }
```

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

Here you see how a box with a 4 pixel #A54DE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A54DE2; -webkit-box-shadow:4px 4px  
4px 4px #A54DE2; box-shadow:4px 4px 4px  
4px #A54DE2 }
```

Background

The CSS property to change the background color of an element to Hex A54DE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A54DE2 }
```

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

```
.background{ background-color:#A54DE2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor