

# Converting Colors

Hex(A1E584)

Have a look what the booklet for  
Hex(A1E584) contains.

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# Color

**Hex(A1E584)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A1E584
RGB	161, 229, 132
RGB Percent	63%, 90%, 52%
CMY	0.3686, 0.1020, 0.4824
CMYK	0.30, 0.00, 0.42, 0.10
HSL	102°, 65%, 71%
HSV	102°, 42%, 90%
XYZ	46.8821, 65.2816, 31.9595
YIQ	197.6100, -9.3910, -44.5830

# Conversions

## Conversions Part 2

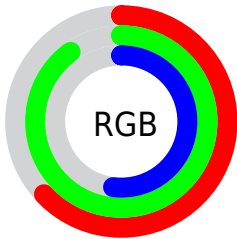
Format	Color
<a href="#">RYB</a>	<a href="#">132, 229, 200</a>
Decimal	<a href="#">10610052</a>
CIELab	<a href="#">84.63, -38.69, 40.58</a>
CIElCh	<a href="#">85, 56.068, 133.631</a>
Yxy	<a href="#">65.2816, 0.3253, 0.4530</a>
Android (android.graphics.Color)	<a href="#">4288800132 (0xFFA1E584)</a>
YUV	<a href="#">197.6100, -32.3457, -32.1070</a>
Hunter-Lab	<a href="#">80.7971, -37.8210, 33.1056</a>

# Details

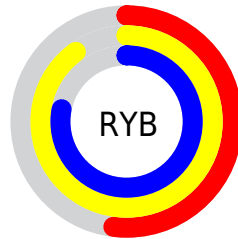
The Hex color **A1E584** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **C884E5**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **DAFFBA**, and **6AAD50** is the 20% darker color. If you saturate the color by 10%, you get **91E56D**, and if you desaturate by 10%, it is **B1E59B**.

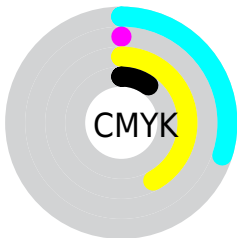
# Distribution



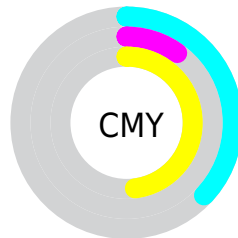
- Red (63%)
- Green (90%)
- Blue (52%)



- Red (52%)
- Yellow (90%)
- Blue (78%)



- Cyan (30%)
- Magenta (0%)
- Yellow (42%)
- Black (10%)



- Cyan (37%)
- Magenta (10%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A1E584 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 A1E584 by changing the saturation by 10% instead.



 A1E584

FFFFFF

 DAFFBA

 F7FFD6

 FFFFF3

 A1E584

 85C96A

 6AAD50

 4F9238

 34781E

 165F00

 004600

 002F00

 001900

 000000

 A1E584

 A1E584

 91E56D

 B1E59B

 81E556

 C1E5B2

 71E53F

 D1E5C9

 61E528

 E1E5E0

 51E512

 F1E5F7

 44E500

 FFE5FF

# Harmonies

## Analogous

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



DCD869



A1E584



51ECB4

# Triad

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



A1E584



00E1FF



FFA8BD

# Complementary

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



A1E584



C884E5

# Split Complementary

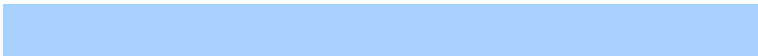
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFABF2



A1E584



A8D0FF

# Square

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



A1E584



00EBFF



F7BCFF



FFB38D

# Rectangle

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



A1E584



00EED8



F7BCFF



FFA7CF

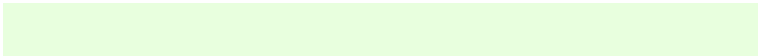


# Sweetspot

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



A1E584



E8FFDE



E5C884



71806B



000000



808080



# Same Dimension

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



A1E584



A4FF7D



84E597



6B7367



35B300



0F3300



# Inverse Universe

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



C884E5



D87DFF



E584D2



6F6773



7D00B3



240033



# Previews

## White Background



This preview shows how the Hex color A1E584 looks on a white background.

## Color Contrast Check

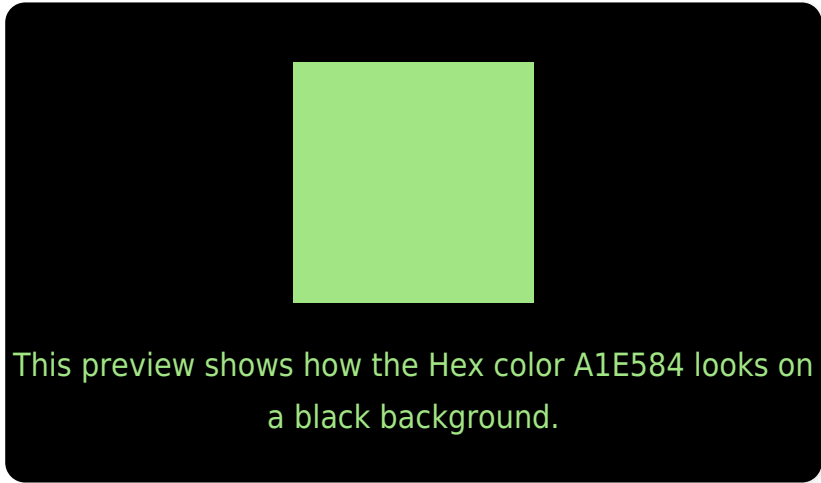
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 ✓ Pass

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



## Hex A1E584 Background



This preview shows how black text looks on a background with the Hex color A1E584.

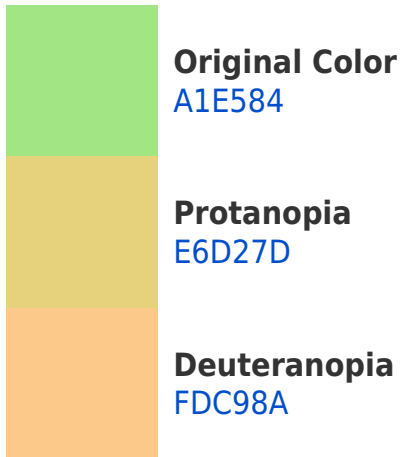


This preview shows how white text looks on a background with the Hex color A1E584.

# 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](#).

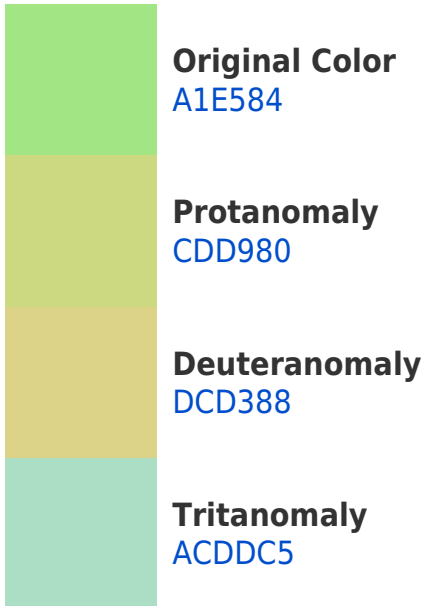
## Dichromacy



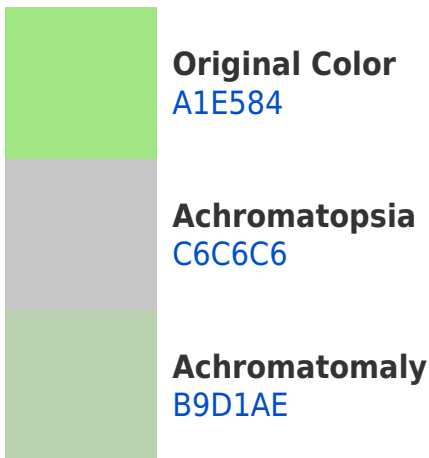


**Tritanopia**  
B2D9EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A1E584 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 #A1E584 looks like.

```
.text, #text, p{  
    color:#A1E584  
}
```

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 #A1E584 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1E584
}
```

## Border

The CSS property to change the border of an element to Hex A1E584 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
#A1E584 }
```

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

```
.border{ border-color:#A1E584 }
```

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

Here you see how a box with a 4 pixel #A1E584 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1E584; -webkit-box-shadow:4px 4px  
4px 4px #A1E584; box-shadow:4px 4px 4px  
4px #A1E584 }
```

# Background

The CSS property to change the background color of an element to Hex A1E584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1E584 }
```

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

```
.background{ background-color:#A1E584 }
```

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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