

Converting Colors

Hex(ABC65A)

Have a look what the booklet for
Hex(ABC65A) contains.

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Color

Hex(ABC65A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | ABC65A |
| RGB | 171, 198, 90 |
| RGB Percent | 67%, 78%, 35% |
| CMY | 0.3294, 0.2235, 0.6471 |
| CMYK | 0.14, 0.00, 0.55, 0.22 |
| HSL | 75°, 49%, 56% |
| HSV | 75°, 55%, 78% |
| XYZ | 38.8341, 49.7843, 17.2354 |
| YIQ | 177.6150, 18.5760, -39.3120 |

Conversions

Conversions Part 2

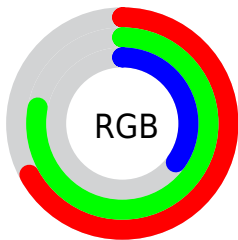
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 90, 198, 117 |
| Decimal | 11257434 |
| CIELab | 75.94, -25.26, 50.32 |
| CIElCh | 76, 56.307, 116.656 |
| Yxy | 49.7843, 0.3669, 0.4703 |
| Android (android.graphics.Color) | 4289447514 (0xFFABC65A) |
| YUV | 177.6150, -43.1942, -5.8014 |
| Hunter-Lab | 70.5580, -25.2325, 34.9076 |

Details

The Hex color **ABC65A** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **755AC6**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **E4FF8F**, and **749025** is the 20% darker color. If you saturate the color by 10%, you get **A6C646**, and if you desaturate by 10%, it is **B0C66E**.

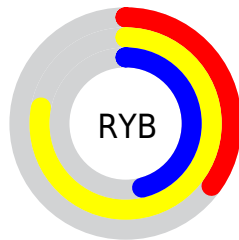
Distribution



Red (67%)

Green (78%)

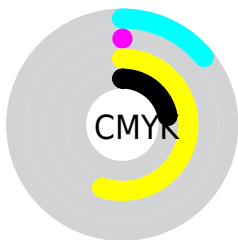
Blue (35%)



Red (35%)

Yellow (78%)

Blue (46%)

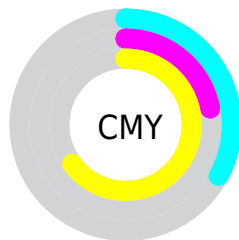


Cyan (14%)

Magenta (0%)

Yellow (55%)

Black (22%)



Cyan (33%)

Magenta (22%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color ABC65A 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 ABC65A by changing the saturation by 10% instead.

 ABC65A

 ABC65A

FFFFFF

 8FAB40

 E4FF8F

 749025

 FFFFAA

 5A7603

 FFFFC6

 405E00

 FFFF E3

 274600

 0A2F00

 001D00

 000000

 ABC65A

 ABC65A

 A6C646

 B0C66E

 A1C632

 B5C682

 9CC61F

 BAC695

 97C60B

 BFC6A9

 95C600

 C4C6BD

 C9C6D1

 CEC6E5

 D3C6F8

 D8C6FF

Harmonies

Analogous

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



DEB650



ABC65A



6AD080

Triad

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



ABC65A



00CFFF



FF8FC3

Complementary

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



ABC65A



755AC6

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.



F69CF5



ABC65A



44C3FF

Square

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



ABC65A



00D5E8



B5B0FF



FF938F

Rectangle

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



ABC65A



14D4A1



B5B0FF



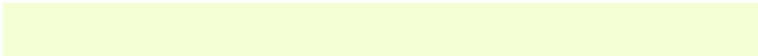
FF92D5

Sweetspot

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



ABC65A



F5FFD6



C6755A



798067



000000



808080

Same Dimension

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



ABC65A



D6FF59



75C65A



61635A



7AA300



1B2400

Inverse Universe

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



755AC6



8359FF



AB5AC6



5C5A63



2900A3



090024

Previews

White Background



This preview shows how the Hex color ABC65A looks on a white background.

Color Contrast Check

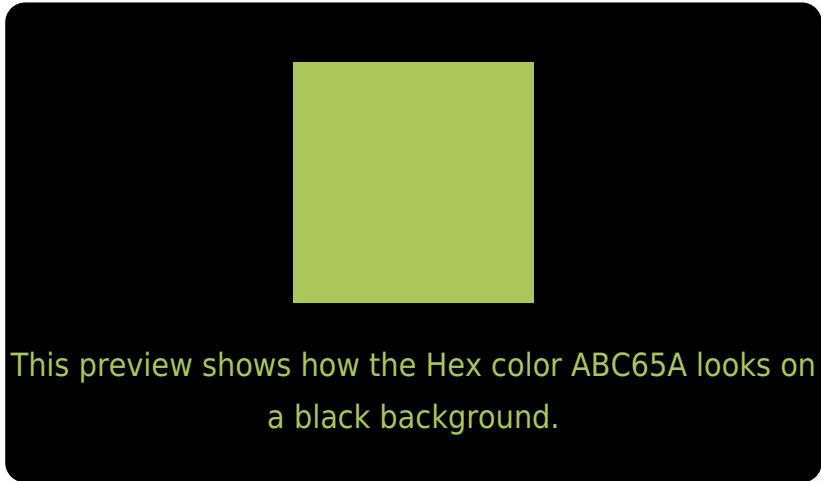
Large Text (above 18pt) WCAG AA × Fail

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 ABC65A Background



This preview shows how black text looks on a background with the Hex color ABC65A.



This preview shows how white text looks on a background with the Hex color ABC65A.

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
ABC65A

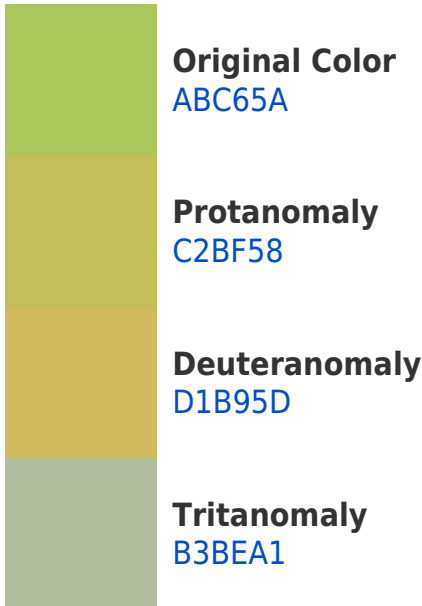
Protanopia
CFBB57

Deuteranopia
E6B25F

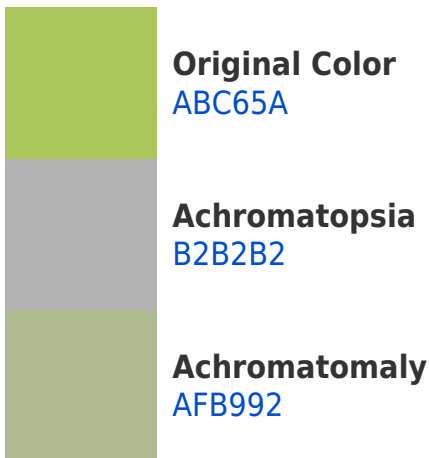


Tritanopia
B8BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ABC65A 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 #ABC65A looks like.

```
.text, #text, p{  
    color:#ABC65A  
}
```

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 #ABC65A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABC65A
}
```

Border

The CSS property to change the border of an element to Hex ABC65A 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
#ABC65A }
```

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

```
.border{ border-color:#ABC65A }
```

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

Here you see how a box with a 4 pixel #ABC65A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABC65A; -webkit-box-shadow:4px 4px  
4px 4px #ABC65A; box-shadow:4px 4px 4px  
4px #ABC65A }
```

Background

The CSS property to change the background color of an element to Hex ABC65A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABC65A }
```

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

```
.background{ background-color:#ABC65A }
```

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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