

# Converting Colors

Hex(A5CE26)

Have a look what the booklet for  
Hex(A5CE26) contains.

<b>Hex(A5CE26)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(A5CE26)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5CE26
RGB	165, 206, 38
RGB Percent	65%, 81%, 15%
CMY	0.3529, 0.1922, 0.8510
CMYK	0.20, 0.00, 0.82, 0.19
HSL	75°, 69%, 48%
HSV	75°, 82%, 81%
XYZ	37.9382, 52.2819, 9.9256
YIQ	174.5890, 29.4920, -60.9400

# Conversions

## Conversions Part 2

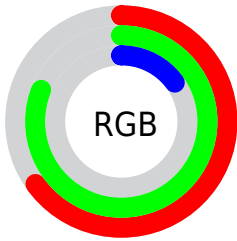
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 206, 79
Decimal	10866214
CIELab	77.45, -34.66, 71.11
CIELCh	77, 79.103, 115.983
Yxy	52.2819, 0.3788, 0.5221
Android (android.graphics.Color)	4289056294 (0xFFFA5CE26)
YUV	174.5890, -67.3384, -8.4096
Hunter-Lab	72.3062, -32.8791, 42.4755

# Details

The Hex color **A5CE26** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **4F26CE**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **E0FF64**, and **6C9800** is the 20% darker color. If you saturate the color by 10%, you get **A0CE11**, and if you desaturate by 10%, it is **AACE3B**.

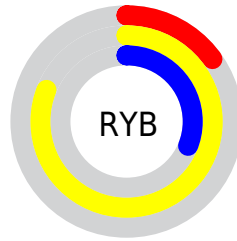
# Distribution



Red (65%)

Green (81%)

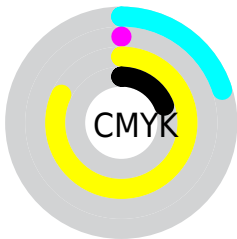
Blue (15%)



Red (15%)

Yellow (81%)

Blue (31%)

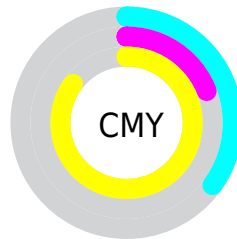


Cyan (20%)

Magenta (0%)

Yellow (82%)

Black (19%)



Cyan (35%)

Magenta (19%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5CE26 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 A5CE26 by changing the saturation by 10% instead.



 A5CE26

 A5CE26

FFFFFF

 88B200

 E0FF64

 6C9800

 FEEF80

 507E00

 FFFF9C

 346400

 FFFFB9

 144C00

 FFFFDD

 003500

 FFFFF4

 002100

 000000

 A5CE26

 A5CE26

 A0CE11

 AACE3B

 9CCE00

 AFCE4F

 B4CE64

 B9CE78

 BECE8D

 C3CEA2

 C8CEB6

 CDCECB

 D2CEDF

# Harmonies

## Analogous

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



ECB807



A5CE26



33DB68

# Triad

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



A5CE26



00DBFF



FF77CC

# Complementary

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



A5CE26



4F26CE

# 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.



FF8FFF



A5CE26



00CBFF

# Square

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



A5CE26



00E1FE



ABB0FF



FF7E84

# Rectangle

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



A5CE26



00DF99



ABB0FF



FF7CE5

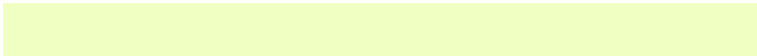


# Sweetspot

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



A5CE26



F0FFC2



CE4D26



76805B



000000



808080



# Same Dimension

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



A5CE26



C2FF05



53CE26



64665C



7DA600



1D2600



# Inverse Universe

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



4F26CE



4205FF



A126CE



5E5C66



2800A6



090026



# Previews

## White Background



This preview shows how the Hex color A5CE26 looks on a white background.

## Color Contrast Check

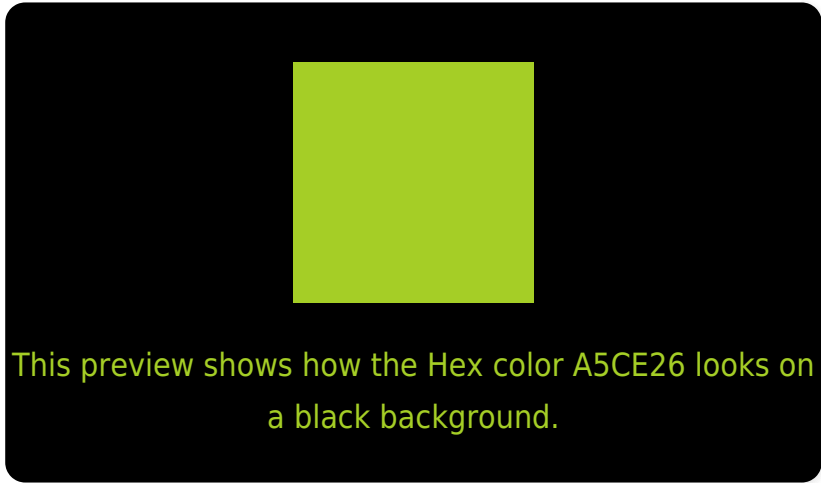
Large Text (above 18pt) WCAG AA × Fail

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 A5CE26 Background



This preview shows how black text looks on a background with the Hex color A5CE26.

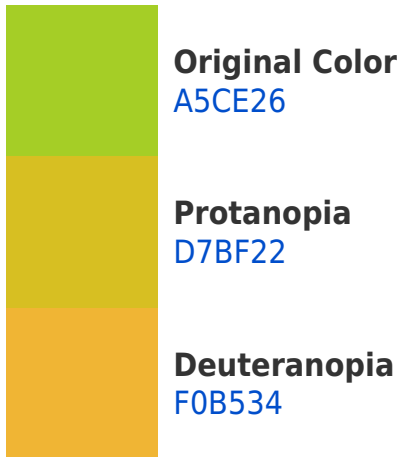


This preview shows how white text looks on a background with the Hex color A5CE26.

# 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





# Trichromacy



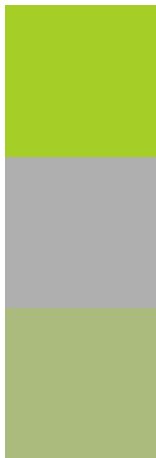
**Original Color**  
A5CE26

**Protanomaly**  
C5C423

**Deuteranomaly**  
D5BE2F

**Tritanomaly**  
B0C592

# Monochromacy



**Original Color**  
A5CE26

**Achromatopsia**  
AFAFAF

**Achromatomaly**  
ABBA7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5CE26 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 #A5CE26 looks like.

```
.text, #text, p{  
    color:#A5CE26  
}
```

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 #A5CE26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5CE26
}
```

## Border

The CSS property to change the border of an element to Hex A5CE26 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
#A5CE26 }
```

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

```
.border{ border-color:#A5CE26 }
```

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

Here you see how a box with a 4 pixel #A5CE26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5CE26; -webkit-box-shadow:4px 4px  
4px 4px #A5CE26; box-shadow:4px 4px 4px  
4px #A5CE26 }
```

# Background

The CSS property to change the background color of an element to Hex A5CE26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5CE26 }
```

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

```
.background{ background-color:#A5CE26 }
```

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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