

Converting Colors

Hex(A6AE53)

Have a look what the booklet for
Hex(A6AE53) contains.

Hex(A6AE53)	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(A6AE53)

Conversions

Conversions Part 1

Format	Color
Hex	A6AE53
RGB	166, 174, 83
RGB Percent	65%, 68%, 33%
CMY	0.3490, 0.3176, 0.6745
CMYK	0.05, 0.00, 0.52, 0.32
HSL	65°, 36%, 50%
HSV	65°, 52%, 68%
XYZ	32.4233, 39.0036, 14.0032
YIQ	161.2340, 24.4430, -29.9970

Conversions

Conversions Part 2

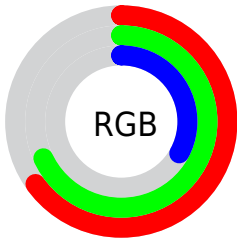
Format	Color
RYB	83, 174, 91
Decimal	10923603
CIELab	68.75, -15.96, 45.17
CIELCh	69, 47.910, 109.454
Yxy	39.0036, 0.3795, 0.4566
Android (android.graphics.Color)	4289113683 (0xFFA6AE53)
YUV	161.2340, -38.5694, 4.1798
Hunter-Lab	62.4529, -16.6218, 30.4230

Details

The Hex color **A6AE53** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5B53AE**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **DFE587**, and **707A20** is the 20% darker color. If you saturate the color by 10%, you get **A4AE42**, and if you desaturate by 10%, it is **A8AE64**.

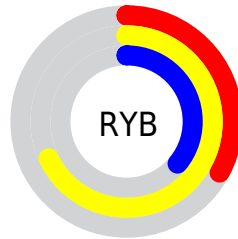
Distribution



Red (65%)

Green (68%)

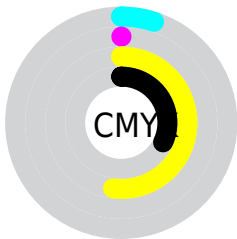
Blue (33%)



Red (33%)

Yellow (68%)

Blue (36%)

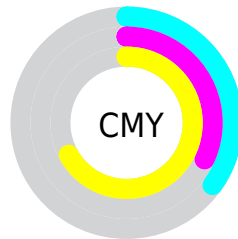


Cyan (5%)

Magenta (0%)

Yellow (52%)

Black (32%)



Cyan (35%)

Magenta (32%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6AE53 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 A6AE53 by changing the saturation by 10% instead.

 A6AE53

 A6AE53

FFFFFF

 8B933A

 DFE587

 707A20

 FCFFA2

 566101

 FFFFBE

 3D4900

 FFFFDA

 243300

 FFFFF7

 081E00

 000000

 A6AE53

 A6AE53

 A4AE42

 A8AE64

 A3AE30

 A9AE76

 A1AE1F

 ABAE87

 A0AE0D

 ACAE99

 9FAE00

 AEAEAA

 AFAEBB

 B1AECD

 B2AEDE

 B4AEF0

Harmonies

Analogous

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



CFA051



A6AE53



74B86D

Triad

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



A6AE53



00BAE9



F185B9

Complementary

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



A6AE53



5B53AE

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.



CE92E1



A6AE53



2EB1FC

Square

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



A6AE53



00BEC3



93A2F9



FA858D

Rectangle

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



A6AE53



48BC88



93A2F9



E888C7

Sweetspot

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



A6AE53



E0E3BF



AE5B53



71735D



F2F2F2



737373

Same Dimension

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



A6AE53



D6E354



79AE53



56574E



899600



151700

Inverse Universe

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



5B53AE



6154E3



8853AE



4F4E57



0D0096



020017

Previews

White Background



This preview shows how the Hex color A6AE53 looks on a white background.

Color Contrast Check

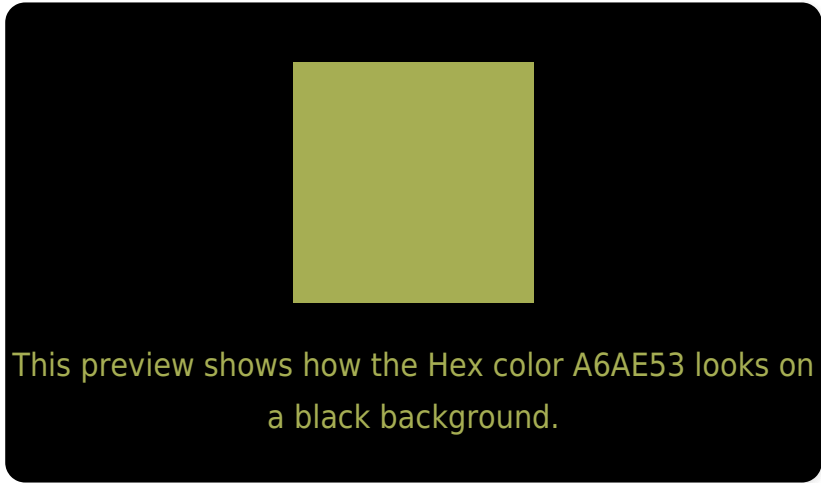
Large Text (above 18pt) WCAG AA × Fail

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

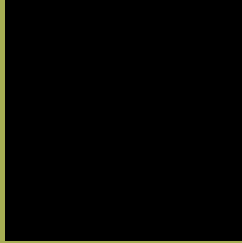
Any Text WCAG AA ✓ Pass

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 A6AE53 Background



This preview shows how black text looks on a background with the Hex color A6AE53.

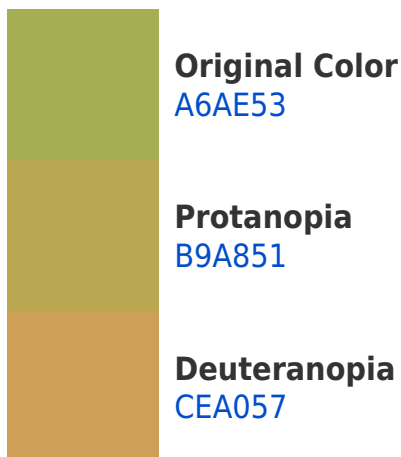


This preview shows how white text looks on a background with the Hex color A6AE53.

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](#).

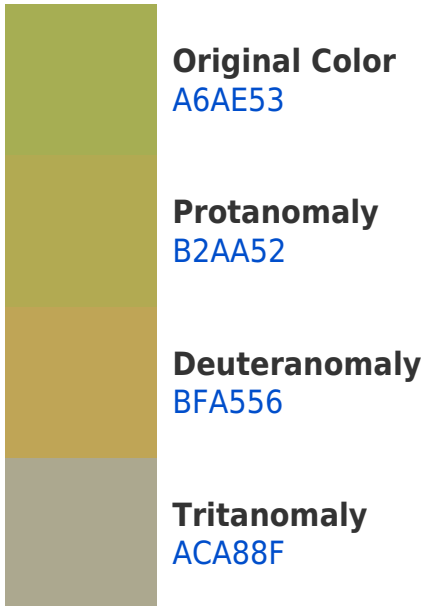
Dichromacy





Tritanopia
B0A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6AE53 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 #A6AE53 looks like.

```
.text, #text, p{  
    color:#A6AE53  
}
```

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 #A6AE53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6AE53
}
```

Border

The CSS property to change the border of an element to Hex A6AE53 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
#A6AE53 }
```

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

```
.border{ border-color:#A6AE53 }
```

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

Here you see how a box with a 4 pixel #A6AE53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6AE53; -webkit-box-shadow:4px 4px  
4px 4px #A6AE53; box-shadow:4px 4px 4px  
4px #A6AE53 }
```

Background

The CSS property to change the background color of an element to Hex A6AE53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6AE53 }
```

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

```
.background{ background-color:#A6AE53 }
```

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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