

# Converting Colors

Hex(8DA154)

Have a look what the booklet for  
Hex(8DA154) contains.

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**Color**

**Hex(8DA154)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DA154
RGB	141, 161, 84
RGB Percent	55%, 63%, 33%
CMY	0.4471, 0.3686, 0.6706
CMYK	0.12, 0.00, 0.48, 0.37
HSL	76°, 31%, 48%
HSV	76°, 48%, 63%
XYZ	25.3296, 31.7926, 13.1891
YIQ	146.2420, 12.7970, -28.1870

# Conversions

## Conversions Part 2

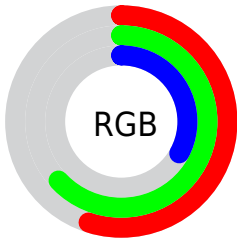
Format	Color
<a href="#">RYB</a>	<a href="#">84, 161, 104</a>
Decimal	<a href="#">9281876</a>
CIELab	<a href="#">63.17, -19.49, 37.54</a>
CIELCh	<a href="#">63, 42.304, 117.439</a>
Yxy	<a href="#">31.7926, 0.3602, 0.4522</a>
Android (android.graphics.Color)	<a href="#">4287471956 (0xFF8DA154)</a>
YUV	<a href="#">146.2420, -30.6853, -4.5972</a>
Hunter-Lab	<a href="#">56.3849, -18.4865, 25.6008</a>

# Details

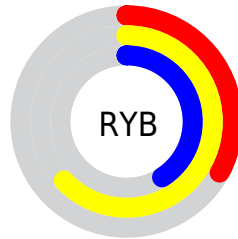
The Hex color **8DA154** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6854A1**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **C4D887**, and **596D23** is the 20% darker color. If you saturate the color by 10%, you get **89A144**, and if you desaturate by 10%, it is **91A164**.

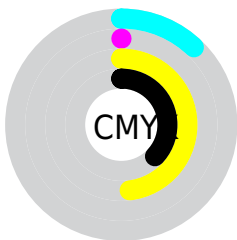
# Distribution



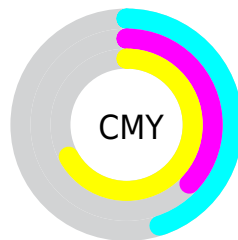
- Red (55%)
- Green (63%)
- Blue (33%)



- Red (33%)
- Yellow (63%)
- Blue (41%)



- Cyan (12%)
- Magenta (0%)
- Yellow (48%)
- Black (37%)



- Cyan (45%)
- Magenta (37%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DA154 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 8DA154 by changing the saturation by 10% instead.



 8DA154

 8DA154

FFFFFF

 73873B

 C4D887

 596D23

 E0F4A2

 405509

 FDFFBD

 293E00

 FFFFFD9

 102800

 FFFFFFF6

 001300

 000000

 8DA154

 8DA154

 89A144

 91A164

85A134

95A174

80A124

9AA184

7CA114

9EA194

78A103

A2A1A4

77A100

A6A1B5

AAA1C5

AEA1D5

B3A1E5

# Harmonies

## Analogous

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



B3964C



8DA154



5FA96F

# Triad

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



8DA154



00A7D7



DD7A9E

# Complementary

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



8DA154



6854A1

# 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.



C582C2



8DA154



539EE4

# Square

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



8DA154



00ACBA



9790DC



E07D78

# Rectangle

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



8DA154



36AB87



9790DC



D77CAA



# Sweetspot

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



8DA154



C9D1B4



A16754



646957



E8E8E8



696969



# Same Dimension

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



8DA154



B2D15A



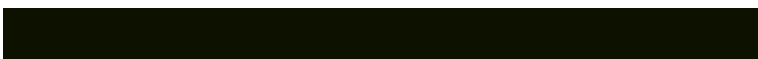
67A154



4F5249



6C9100



0D1200



# Inverse Universe

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



6854A1



795AD1



8E54A1



4C4952



260091



050012



# Previews

## White Background



This preview shows how the Hex color 8DA154 looks on a white background.

## Color Contrast Check

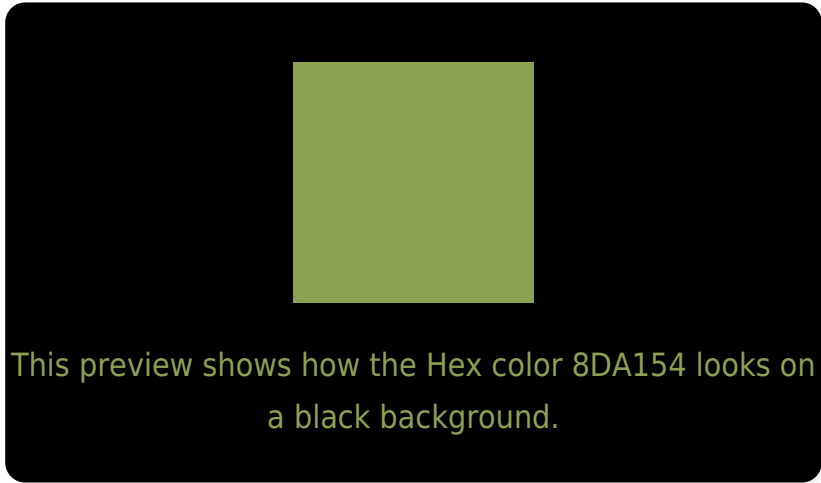
Large Text (above 18pt) WCAG AA × Fail

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

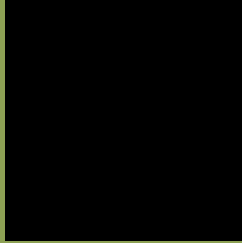
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8DA154 Background



This preview shows how black text looks on a background with the Hex color 8DA154.



This preview shows how white text looks on a background with the Hex color 8DA154.

# 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**  
8DA154

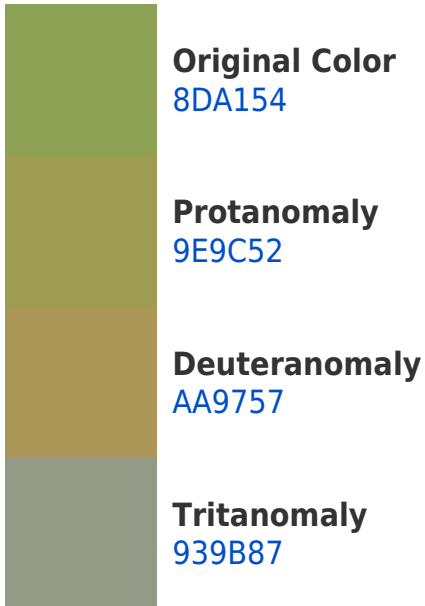
**Protanopia**  
A89951

**Deuteranopia**  
BA9258

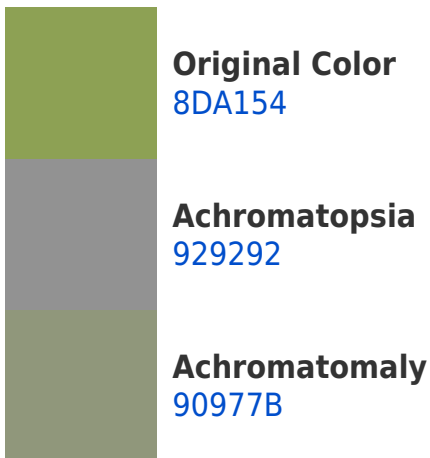


**Tritanopia**  
9798A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DA154 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 #8DA154 looks like.

```
.text, #text, p{  
    color:#8DA154  
}
```

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 #8DA154 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DA154
}
```

## Border

The CSS property to change the border of an element to Hex 8DA154 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
#8DA154 }
```

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

```
.border{ border-color:#8DA154 }
```

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

Here you see how a box with a 4 pixel #8DA154 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DA154; -webkit-box-shadow:4px 4px  
4px 4px #8DA154; box-shadow:4px 4px 4px  
4px #8DA154 }
```

# Background

The CSS property to change the background color of an element to Hex 8DA154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DA154 }
```

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

```
.background{ background-color:#8DA154 }
```

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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