

Converting Colors

Hex(5DA172)

Have a look what the booklet for
Hex(5DA172) contains.

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Color

Hex(5DA172)

Conversions

Conversions Part 1

Format	Color
Hex	5DA172
RGB	93, 161, 114
RGB Percent	36%, 63%, 45%
CMY	0.6353, 0.3686, 0.5529
CMYK	0.42, 0.00, 0.29, 0.37
HSL	139°, 27%, 50%
HSV	139°, 42%, 63%
XYZ	20.2963, 29.0318, 20.4536
YIQ	135.3100, -25.4410, -29.0330

Conversions

Conversions Part 2

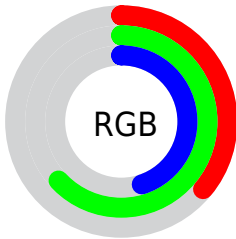
Format	Color
RYB	93, 145, 161
Decimal	6136178
CIELab	60.81, -32.22, 17.89
CIElCh	61, 36.852, 150.961
Yxy	29.0318, 0.2909, 0.4160
Android (android.graphics.Color)	4284326258 (0xFF5DA172)
YUV	135.3100, -10.5058, -37.1059
Hunter-Lab	53.8812, -27.0534, 15.2100

Details

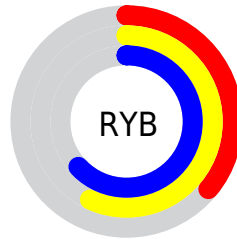
The Hex color **5DA172** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A15D8C**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **92D8A6**, and **286D42** is the 20% darker color. If you saturate the color by 10%, you get **4DA167**, and if you desaturate by 10%, it is **6DA17D**.

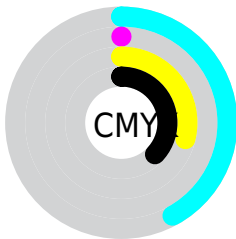
Distribution



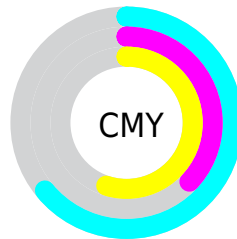
- Red (36%)
- Green (63%)
- Blue (45%)



- Red (36%)
- Yellow (57%)
- Blue (63%)



- Cyan (42%)
- Magenta (0%)
- Yellow (29%)
- Black (37%)



- Cyan (64%)
- Magenta (37%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DA172 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 5DA172 by changing the saturation by 10% instead.

 5DA172

 5DA172

FFFFFF

 438659

 92D8A6

 286D42

 AEF5C1

 07542B

 CAFFDD

 003C16

 E7FFFA

 002600

 000600

 000000

 5DA172

 5DA172

 4DA167

 6DA17D

 3DA15C

 7DA188

 2DA151

 8DA193

 1DA145

 9DA19F

 0CA13A

 AEA1AA

 00A132

 BEA1B5

 CEA1C0

 DEA1CB

 EEA1D6

Harmonies

Analogous

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



859B5A



5DA172



28A493

Triad

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



5DA172



6396D3



D07C73

Complementary

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



5DA172



A15D8C

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.



CF7993



5DA172



978ACA

Square

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



5DA172



169ECB



BC7FB3



C1865B

Rectangle

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



5DA172



00A4A9



BC7FB3



D27A7D

Sweetspot

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



5DA172



B6D1BE



8DA15D



58695D



E8E8E8



696969

Same Dimension

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



5DA172



66D187



5DA193



49524C



00912D



001206

Inverse Universe

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



A15D8C



D166B0



A15D6B



52494F



910064



12000C

Previews

White Background



This preview shows how the Hex color 5DA172 looks on a white background.

Color Contrast Check

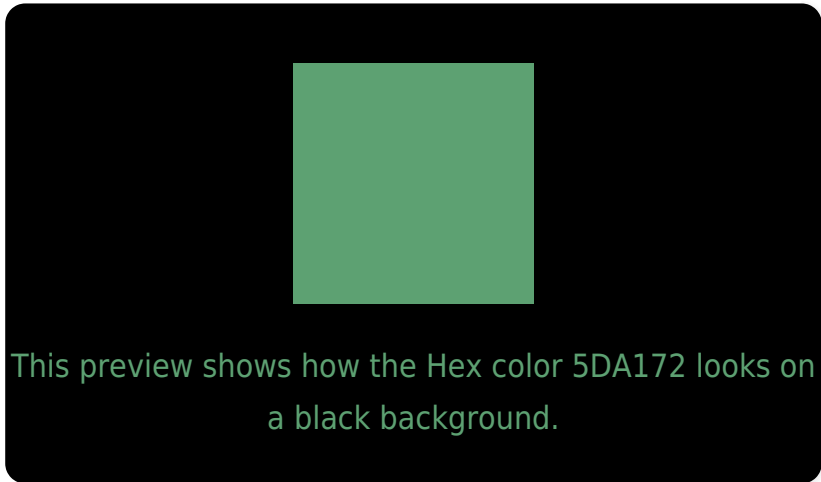
Large Text (above 18pt) WCAG AA ✓ Pass

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

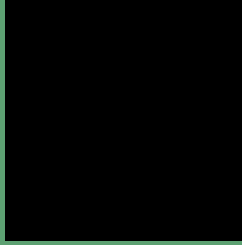
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 5DA172 Background



This preview shows how black text looks on a background with the Hex color 5DA172.

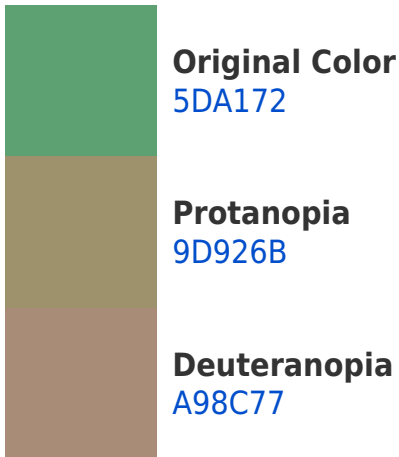


This preview shows how white text looks on a background with the Hex color 5DA172.

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](#).

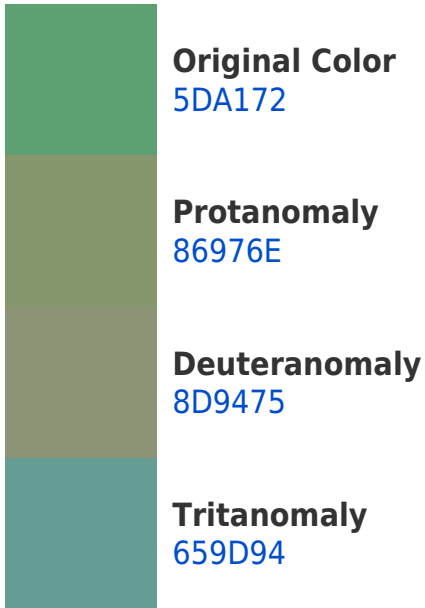
Dichromacy



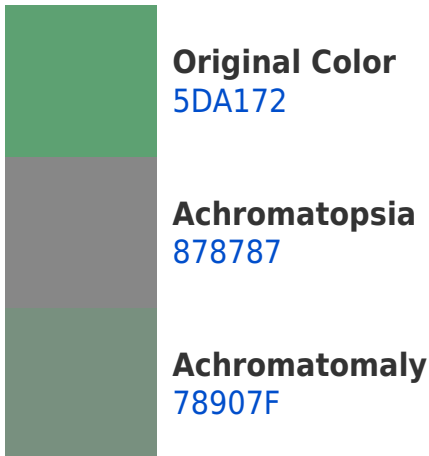


Tritanopia
699AA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DA172 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 #5DA172 looks like.

```
.text, #text, p{  
    color:#5DA172  
}
```

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 #5DA172 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA172
}
```

Border

The CSS property to change the border of an element to Hex 5DA172 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
#5DA172 }
```

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

```
.border{ border-color:#5DA172 }
```

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

Here you see how a box with a 4 pixel #5DA172 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA172; -webkit-box-shadow:4px 4px  
4px 4px #5DA172; box-shadow:4px 4px 4px  
4px #5DA172 }
```

Background

The CSS property to change the background color of an element to Hex 5DA172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA172 }
```

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

```
.background{ background-color:#5DA172 }
```

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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