

Converting Colors

Hex(5DA287)

Have a look what the booklet for
Hex(5DA287) contains.

Hex(5DA287)	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(5DA287)

Conversions

Conversions Part 1

Format	Color
Hex	5DA287
RGB	93, 162, 135
RGB Percent	36%, 64%, 53%
CMY	0.6353, 0.3647, 0.4706
CMYK	0.43, 0.00, 0.17, 0.36
HSL	157°, 27%, 50%
HSV	157°, 43%, 64%
XYZ	21.8077, 29.9171, 27.5469
YIQ	138.2910, -32.4570, -23.0250

Conversions

Conversions Part 2

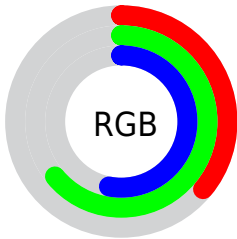
Format	Color
R_{YB}	93, 136, 162
Decimal	6136455
CIE _{Lab}	61.58, -28.31, 7.27
CIE _{LCh}	62, 29.228, 165.598
Yxy	29.9171, 0.2751, 0.3774
Android (android.graphics.Color)	4284326535 (0xFF5DA287)
YUV	138.2910, -1.6225, -39.7202
Hunter-Lab	54.6965, -24.5503, 8.4273

Details

The Hex color **5DA287** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A25D78**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **92D9BC**, and **286E55** is the 20% darker color. If you saturate the color by 10%, you get **4DA281**, and if you desaturate by 10%, it is **6DA28D**.

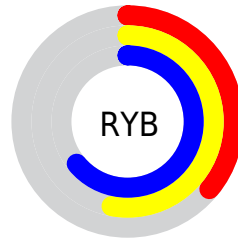
Distribution



Red (36%)

Green (64%)

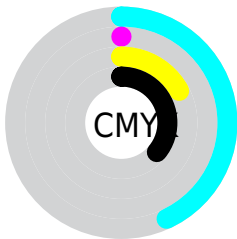
Blue (53%)



Red (36%)

Yellow (53%)

Blue (64%)

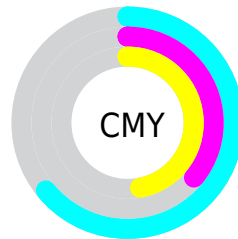


Cyan (43%)

Magenta (0%)

Yellow (17%)

Black (36%)



Cyan (64%)

Magenta (36%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DA287 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 5DA287 by changing the saturation by 10% instead.



5DA287



5DA287

FFFFFF



43886E



92D9BC



286E55



AEF6D8



06553E



CAFFF4



003D28



E7FFFF



002714



000B00



000000



5DA287



5DA287



4DA281



6DA28D

 3DA27A

 7DA294

 2CA274

 8EA29A

 1CA26E

 9EA2A0

 0CA267

 AEA2A7

 00A263

 BEA2AD

 CEA2B3

 DFA2BA

 EFA2C0

Harmonies

Analogous

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



7C9E70



5DA287



42A3A2

Triad

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



5DA287



8693C6



C38671

Complementary

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



5DA287



A25D78

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.



C88188



5DA287



A989B9

Square

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



5DA287



5F9BC6



C083A2



B28F63

Rectangle

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



5DA287



3DA2B2



C083A2



C68478

Sweetspot

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



5DA287



B8D4C9



79A25D



5A6B64



EBEBEB



6B6B6B

Same Dimension

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



5DA287



68D4A9



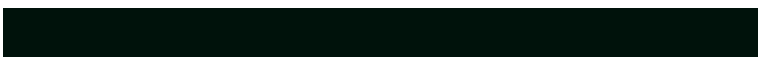
5D9BA2



49524E



009158



00120B

Inverse Universe

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



A25D78



D46892



A2645D



52494D



910039



120007

Previews

White Background



This preview shows how the Hex color 5DA287 looks on a white background.

Color Contrast Check

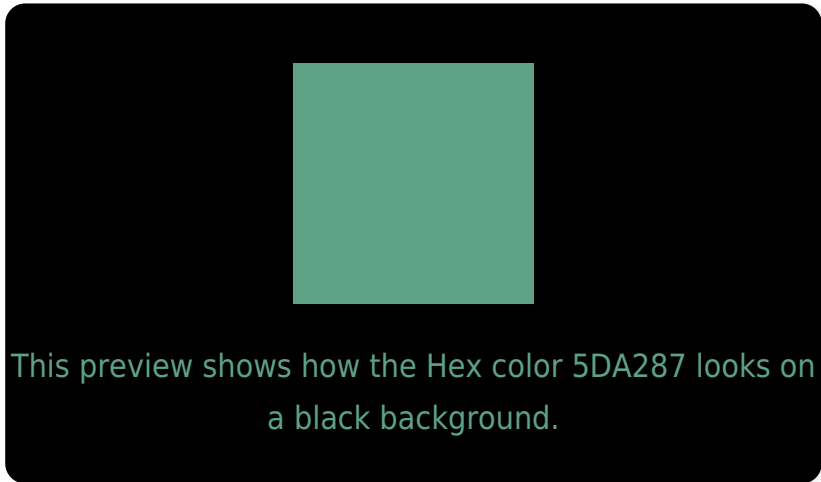
Large Text (above 18pt) WCAG AA ✓ Pass

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

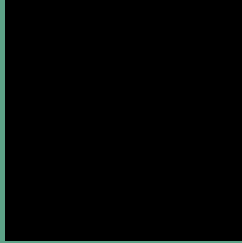
Any Text WCAG AA ✓ Pass

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 5DA287 Background



This preview shows how black text looks on a background with the Hex color 5DA287.

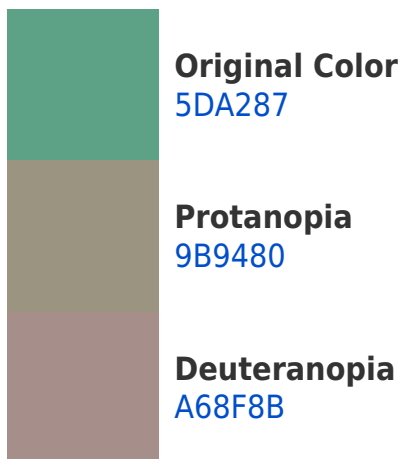


This preview shows how white text looks on a background with the Hex color 5DA287.

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
669DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DA287 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 #5DA287 looks like.

```
.text, #text, p{  
    color:#5DA287  
}
```

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 #5DA287 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA287
}
```

Border

The CSS property to change the border of an element to Hex 5DA287 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
#5DA287 }
```

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

```
.border{ border-color:#5DA287 }
```

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

Here you see how a box with a 4 pixel #5DA287 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA287; -webkit-box-shadow:4px 4px  
4px 4px #5DA287; box-shadow:4px 4px 4px  
4px #5DA287 }
```

Background

The CSS property to change the background color of an element to Hex 5DA287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA287 }
```

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

```
.background{ background-color:#5DA287 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor