

Converting Colors

Hex(7DA258)

Have a look what the booklet for
Hex(7DA258) contains.

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Color

Hex(7DA258)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 7DA258 |
| RGB | 125, 162, 88 |
| RGB Percent | 49%, 64%, 35% |
| CMY | 0.5098, 0.3647, 0.6549 |
| CMYK | 0.23, 0.00, 0.46, 0.36 |
| HSL | 90°, 30%, 49% |
| HSV | 90°, 46%, 64% |
| XYZ | 23.1392, 30.9052, 13.9783 |
| YIQ | 142.5010, 1.7020, -30.8580 |

Conversions

Conversions Part 2

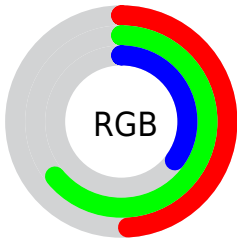
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 88, 162, 125 |
| Decimal | 8233560 |
| CIELab | 62.43, -25.84, 34.33 |
| CIELCh | 62, 42.968, 126.976 |
| Yxy | 30.9052, 0.3402, 0.4543 |
| Android (android.graphics.Color) | 4286423640 (0xFF7DA258) |
| YUV | 142.5010, -26.8690, -15.3484 |
| Hunter-Lab | 55.5925, -22.9898, 24.0068 |

Details

The Hex color **7DA258** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7D58A2**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **B3D98B**, and **4A6E28** is the 20% darker color. If you saturate the color by 10%, you get **75A248**, and if you desaturate by 10%, it is **85A268**.

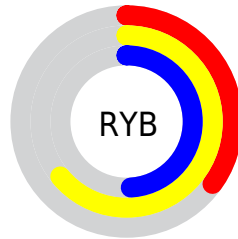
Distribution



Red (49%)

Green (64%)

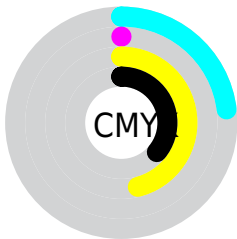
Blue (35%)



Red (35%)

Yellow (64%)

Blue (49%)

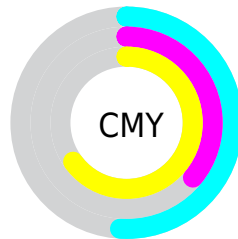


Cyan (23%)

Magenta (0%)

Yellow (46%)

Black (36%)



Cyan (51%)

Magenta (36%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DA258 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 7DA258 by changing the saturation by 10% instead.

 7DA258

 7DA258

FFFFFF

 638840

 B3D98B

 4A6E28

 CFF6A6

 31560F

 ECFFC1


 193E00

 FFFFDE

 002800

 FFFFFA

 001000

 000000

 7DA258

 7DA258

 75A248

 85A268

6DA238

8DA278

65A227

95A289

5DA217

9DA299

55A207

A6A2A9

51A200

AEA2B9

B6A2C9

BEA2DA

C6A2EA

Harmonies

Analogous

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



A69849



7DA258



4AA878

Triad

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



7DA258



00A3DC



DF778F

Complementary

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



7DA258



7D58A2

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.



CD7CB6



7DA258



6898E2

Square

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



7DA258



00A9C4



A68AD4



DB7D6B

Rectangle

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



7DA258



00AA92



A68AD4



DB789C

Sweetspot

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



7DA258



C5D4B6



A27D58



626B59



EBEBEB



6B6B6B

Same Dimension

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



7DA258



99D45F



58A258



4E5249



499100



091200

Inverse Universe

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



7D58A2



995FD4



A258A2



4E4952



490091



090012

Previews

White Background



This preview shows how the Hex color 7DA258 looks on a white background.

Color Contrast Check

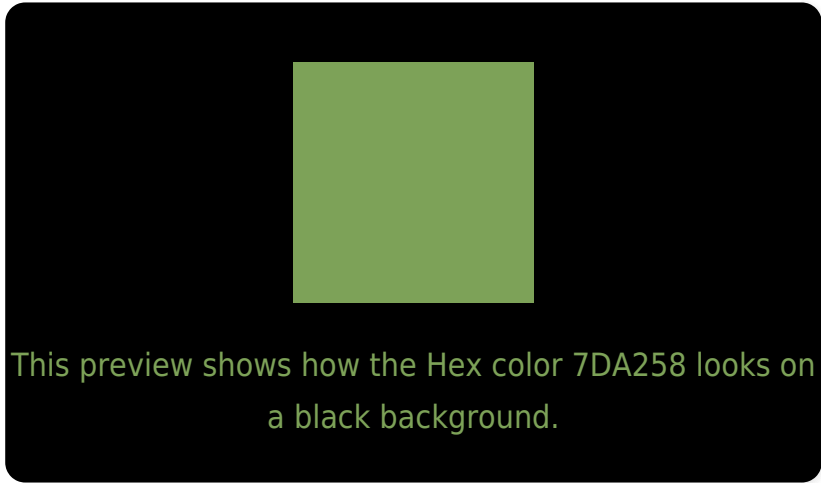
Large Text (above 18pt) WCAG AA × Fail

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 7DA258 Background



This preview shows how black text looks on a background with the Hex color 7DA258.

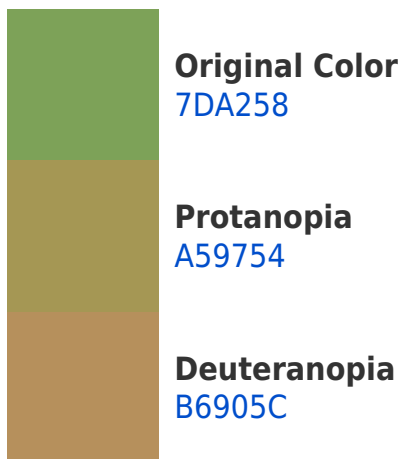


This preview shows how white text looks on a background with the Hex color 7DA258.

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](#).

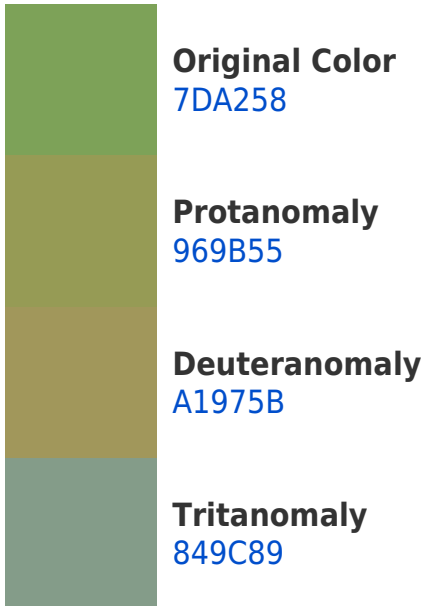
Dichromacy



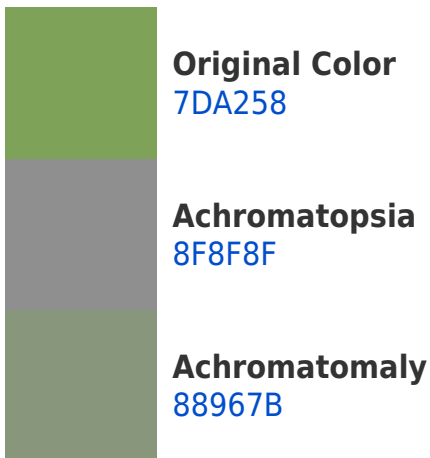


Tritanopia
8899A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DA258 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 #7DA258 looks like.

```
.text, #text, p{  
    color:#7DA258  
}
```

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 #7DA258 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DA258
}
```

Border

The CSS property to change the border of an element to Hex 7DA258 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
#7DA258 }
```

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

```
.border{ border-color:#7DA258 }
```

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

Here you see how a box with a 4 pixel #7DA258 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DA258; -webkit-box-shadow:4px 4px  
4px 4px #7DA258; box-shadow:4px 4px 4px  
4px #7DA258 }
```

Background

The CSS property to change the background color of an element to Hex 7DA258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DA258 }
```

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

```
.background{ background-color:#7DA258 }
```

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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