

Converting Colors

Hex(782158)

Have a look what the booklet for
Hex(782158) contains.

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Color

Hex(782158)

Conversions

Conversions Part 1

Format	Color
Hex	782158
RGB	120, 33, 88
RGB Percent	47%, 13%, 35%
CMY	0.5294, 0.8706, 0.6549
CMYK	0.00, 0.72, 0.27, 0.53
HSL	322°, 57%, 30%
HSV	322°, 72%, 47%
XYZ	10.0510, 5.7854, 9.8195
YIQ	65.2830, 34.1970, 35.5490

Conversions

Conversions Part 2

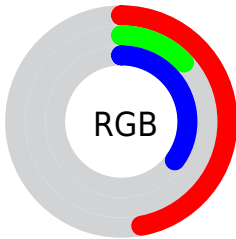
Format	Color
R_{YB}	120, 33, 88
Decimal	7872856
CIE _{Lab}	28.86, 43.06, -12.34
CIE _{LCh}	29, 44.795, 344.014
Yxy	5.7854, 0.3918, 0.2255
Android (android.graphics.Color)	4286062936 (0xFF782158)
YUV	65.2830, 11.1995, 47.9868
Hunter-Lab	24.0528, 32.4982, -7.3680

Details

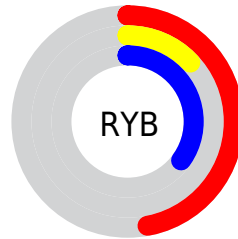
The Hex color **782158** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **217841**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **AF558A**, and **44002A** is the 20% darker color. If you saturate the color by 10%, you get **781554**, and if you desaturate by 10%, it is **782D5C**.

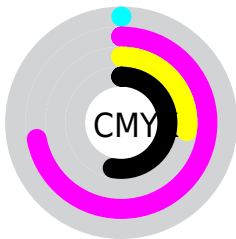
Distribution



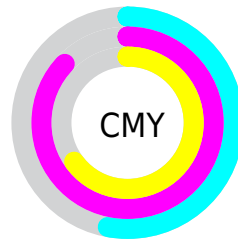
- Red (47%)
- Green (13%)
- Blue (35%)



- Red (47%)
- Yellow (13%)
- Blue (35%)



- Cyan (0%)
- Magenta (72%)
- Yellow (27%)
- Black (53%)



- Cyan (53%)
- Magenta (87%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 782158 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 782158 by changing the saturation by 10% instead.

 782158

 782158

FFFFFF

 5D0041

 AF558A

 44002A

 CC6FA4

 2D0016

 E98ABF

 000000

 FFA5DB

 FFC1F8

 FFDDEF

 FFFAFF

 782158

 782158

■ 781554

■ 782D5C

■ 78094F

■ 783961

■ 78004C

■ 784565

■ 78516A

■ 785D6E

■ 786972

■ 787577

■ 78817B

■ 788D80

Harmonies

Analogous

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



593376



782158



811D35

Triad

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



782158



454700



005274

Complementary

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



782158



217841

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.



005354



782158



1A4F0B

Square

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



782158



623C00



005230



004D87

Rectangle

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



782158



7C261F



005230



00536A

Sweetspot

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



782158



9C798F



412178



4F3A47



CFCFCF



4F4F4F

Same Dimension

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



782158



9C146A



78212D



3D373B



7D004F



FC00A0

Inverse Universe

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



782158



9C146A



21786C



3D373B



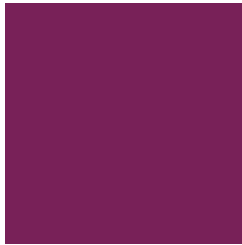
7D004F



FC00A0

Previews

White Background



This preview shows how the Hex color 782158 looks on a white background.

Color Contrast Check

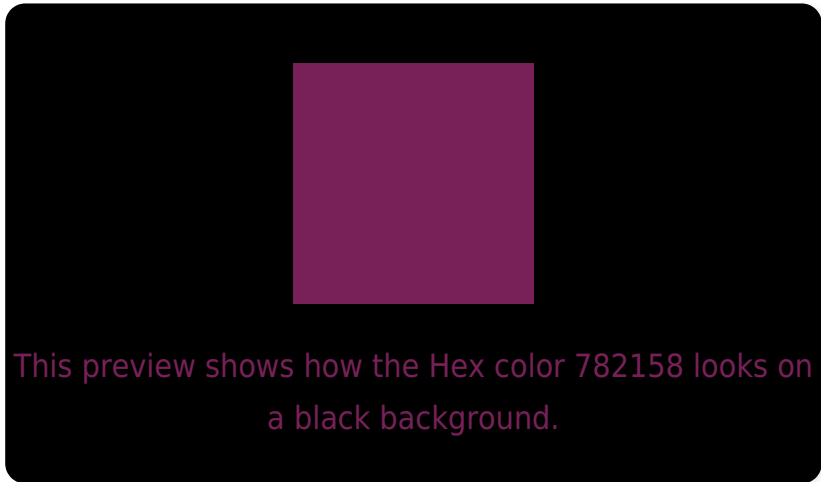
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

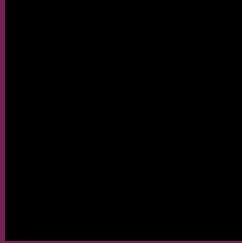
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 782158 Background



This preview shows how black text looks on a background with the Hex color 782158.

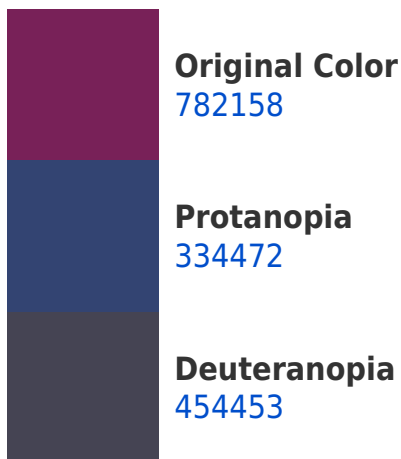


This preview shows how white text looks on a background with the Hex color 782158.

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
752D30

Trichromacy



Original Color
782158

Protanomaly
4C3769

Deuteranomaly
583755

Tritanomaly
76293F

Monochromacy



Original Color
782158

Achromatopsia
414141

Achromatomaly
553549

CSS Examples

Text

The CSS property to change the color of the text to Hex 782158 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 #782158 looks like.

```
.text, #text, p{  
    color:#782158  
}
```

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 #782158 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #782158
}
```

Border

The CSS property to change the border of an element to Hex 782158 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".

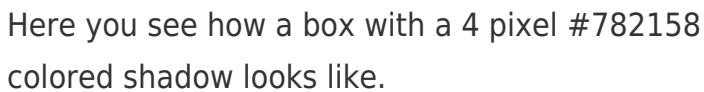
```
.border, #border, table{ border:4px solid
#782158 }
```

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

```
.border{ border-color:#782158 }
```

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

Here you see how a box with a 4 pixel #782158 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #782158; -webkit-box-shadow:4px 4px  
4px 4px #782158; box-shadow:4px 4px 4px  
4px #782158 }
```

Background

The CSS property to change the background color of an element to Hex 782158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#782158 }
```

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

```
.background{ background-color:#782158 }
```

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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