

Converting Colors

Hex(6A195F)

Have a look what the booklet for
Hex(6A195F) contains.

Hex(6A195F)	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(6A195F)

Conversions

Conversions Part 1

Format	Color
Hex	6A195F
RGB	106, 25, 95
RGB Percent	42%, 10%, 37%
CMY	0.5843, 0.9020, 0.6275
CMYK	0.00, 0.76, 0.10, 0.58
HSL	308°, 62%, 26%
HSV	308°, 76%, 42%
XYZ	8.3570, 4.5857, 11.2711
YIQ	57.1990, 25.8060, 38.9420

Conversions

Conversions Part 2

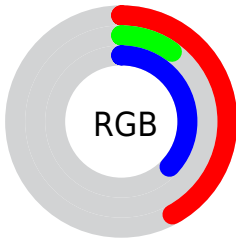
Format	Color
RYB	106, 25, 95
Decimal	6953311
CIELab	25.52, 43.37, -22.32
CIElCh	26, 48.776, 332.766
Yxy	4.5857, 0.3451, 0.1894
Android (android.graphics.Color)	4285143391 (0xFF6A195F)
YUV	57.1990, 18.6359, 42.7985
Hunter-Lab	21.4141, 32.1863, -16.2168

Details

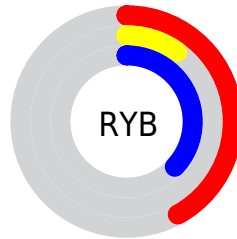
The Hex color **6A195F** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **196A24**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **A04E92**, and **370030** is the 20% darker color. If you saturate the color by 10%, you get **6A0E5E**, and if you desaturate by 10%, it is **6A2460**.

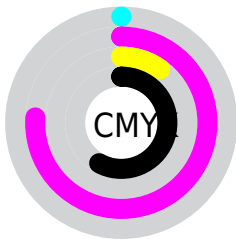
Distribution



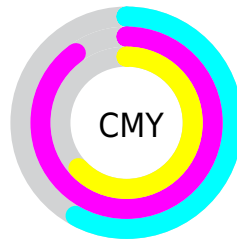
- Red (42%)
- Green (10%)
- Blue (37%)



- Red (42%)
- Yellow (10%)
- Blue (37%)



- Cyan (0%)
- Magenta (76%)
- Yellow (10%)
- Black (58%)



- Cyan (58%)
- Magenta (90%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A195F 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 6A195F by changing the saturation by 10% instead.

6A195F

6A195F

FFFFFF

500047

A04E92

370030

BC67AC

1F001B

D882C8

000000

F59DE4

FFB8FF

FFD5FF

FFF1FF

6A195F

6A195F

■ 6A0E5E

■ 6A2460

■ 6A045C

■ 6A2E62

■ 6A005C

■ 6A3963

■ 6A4365

■ 6A4E66

■ 6A5968

■ 6A6369

■ 6A6E6B

■ 6A786C

Harmonies

Analogous

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



3D317B



6A195F



7B033B

Triad

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



6A195F



483C00



004C64

Complementary

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



6A195F



196A24

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.



004C3F



6A195F



224500

Square

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



6A195F



652D00



004A18



00497F

Rectangle

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



6A195F



7A0D23



004A18



004C58

Sweetspot

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



6A195F



8A6A85



24196A



453242



C4C4C4



454545

Same Dimension

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



6A195F



8A0B78



6A1937



363035



750065



F500D4

Inverse Universe

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



6A195F



8A0B78



196A4C



363035



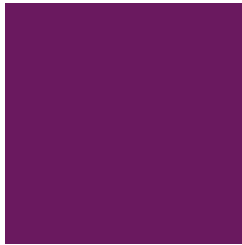
750065



F500D4

Previews

White Background



This preview shows how the Hex color 6A195F looks on a white background.

Color Contrast Check

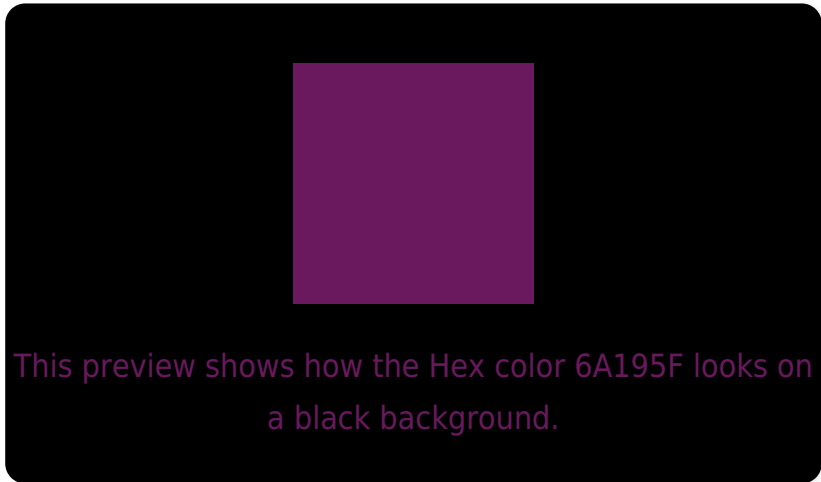
Large Text (above 18pt) WCAG AA ✓ Pass

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

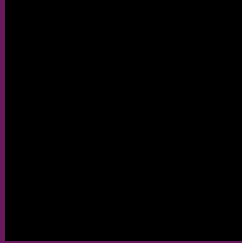
Any Text WCAG AA × Fail

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 6A195F Background



This preview shows how black text looks on a background with the Hex color 6A195F.



This preview shows how white text looks on a background with the Hex color 6A195F.

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
652B2E

Trichromacy



Original Color
6A195F

Protanomaly
302F73

Deuteranomaly
47315C

Tritanomaly
672440

Monochromacy



Original Color
6A195F

Achromatopsia
393939

Achromatomaly
4B2D47

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A195F 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 #6A195F looks like.

```
.text, #text, p{  
    color:#6A195F  
}
```

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 #6A195F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A195F
}
```

Border

The CSS property to change the border of an element to Hex 6A195F is called "border". The border property can be set on classes, ids or directly on the HTML element.

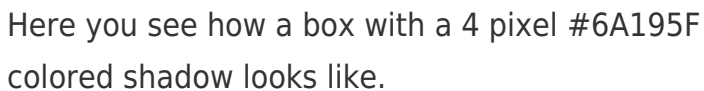
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A195F }
```

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

```
.border{ border-color:#6A195F }
```

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



Here you see how a box with a 4 pixel #6A195F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A195F; -webkit-box-shadow:4px 4px  
4px 4px #6A195F; box-shadow:4px 4px 4px  
4px #6A195F }
```

Background

The CSS property to change the background color of an element to Hex 6A195F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A195F }
```

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

```
.background{ background-color:#6A195F }
```

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