

Converting Colors

Hex(6A1228)

Have a look what the booklet for
Hex(6A1228) contains.

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Color

Hex(6A1228)

Conversions

Conversions Part 1

Format	Color
Hex	6A1228
RGB	106, 18, 40
RGB Percent	42%, 7%, 16%
CMY	0.5843, 0.9294, 0.8431
CMYK	0.00, 0.83, 0.62, 0.58
HSL	345°, 71%, 24%
HSV	345°, 83%, 42%
XYZ	6.5432, 3.6500, 2.3671
YIQ	46.8200, 45.3860, 25.4980

Conversions

Conversions Part 2

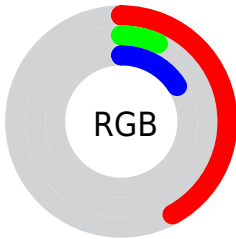
Format	Color
RYB	106, 18, 40
Decimal	6951464
CIELab	22.48, 39.06, 10.52
CIELCh	22, 40.457, 15.077
Yxy	3.6500, 0.5209, 0.2906
Android (android.graphics.Color)	4285141544 (0xFF6A1228)
YUV	46.8200, -3.3623, 51.9009
Hunter-Lab	19.1049, 27.7001, 6.0273

Details

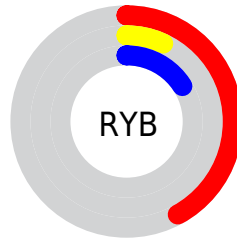
The Hex color **6A1228** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **126A54**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **A24755**, and **360000** is the 20% darker color. If you saturate the color by 10%, you get **6A0720**, and if you desaturate by 10%, it is **6A1D30**.

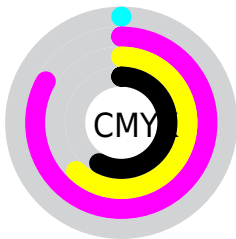
Distribution



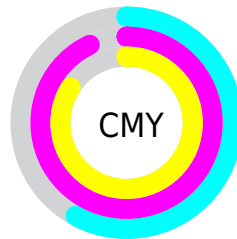
- Red (42%)
- Green (7%)
- Blue (16%)



- Red (42%)
- Yellow (7%)
- Blue (16%)



- Cyan (0%)
- Magenta (83%)
- Yellow (62%)
- Black (58%)



- Cyan (58%)
- Magenta (93%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A1228 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 6A1228 by changing the saturation by 10% instead.

 6A1228

 6A1228

FFFFFF

 4F0014

 A24755

 360000

 BF606D

 100000

 DC7A86

 000000

 FA95A0

 FFB0BB

 FFCCD7

 FFE9F3

 6A1228

 6A1228

■ 6A0720

■ 6A1D30

■ 6A001B

■ 6A2738

■ 6A3240

■ 6A3C48

■ 6A4750

■ 6A5258

■ 6A5C60

■ 6A6768

■ 6A7170

Harmonies

Analogous

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



631546



6A1228



62200A

Triad

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



6A1228



0D3F04



003E70

Complementary

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



6A1228



126A54

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.



004260



6A1228



004225

Square

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



6A1228



363900



004345



003470

Rectangle

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



6A1228



562A00



004345



003F6C

Sweetspot

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



6A1228



8A6770



54126A



453035



C4C4C4



454545

Same Dimension

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



6A1228



8A0022



6A2812



363032



75001D



F5003D

Inverse Universe

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



6A1228



8A0022



12546A



363032



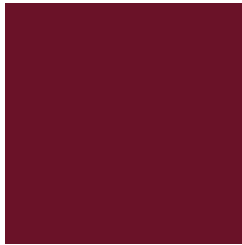
75001D



F5003D

Previews

White Background



This preview shows how the Hex color 6A1228 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 6A1228 Background



This preview shows how black text looks on a background with the Hex color 6A1228.



This preview shows how white text looks on a background with the Hex color 6A1228.

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



Original Color
6A1228

Protanopia
393838

Deuteranopia
433524



Tritanopia
691617

Trichromacy



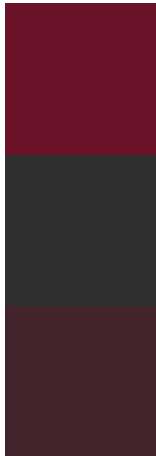
Original Color
6A1228

Protanomaly
4B2A32

Deuteranomaly
512825

Tritanomaly
69151D

Monochromacy



Original Color
6A1228

Achromatopsia
2F2F2F

Achromatomaly
44242C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A1228 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 #6A1228 looks like.

```
.text, #text, p{  
    color:#6A1228  
}
```

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 #6A1228 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A1228
}
```

Border

The CSS property to change the border of an element to Hex 6A1228 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".

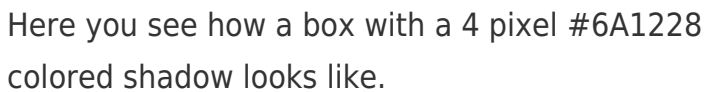
```
.border, #border, table{ border:4px solid
#6A1228 }
```

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

```
.border{ border-color:#6A1228 }
```

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

Here you see how a box with a 4 pixel #6A1228 colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A1228; -webkit-box-shadow:4px 4px  
4px 4px #6A1228; box-shadow:4px 4px 4px  
4px #6A1228 }
```

Background

The CSS property to change the background color of an element to Hex 6A1228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A1228 }
```

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

```
.background{ background-color:#6A1228 }
```

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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