

Converting Colors

Hex(6A0527)

Have a look what the booklet for
Hex(6A0527) contains.

Hex(6A0527)	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(6A0527)

Conversions

Conversions Part 1

Format	Color
Hex	6A0527
RGB	106, 5, 39
RGB Percent	42%, 2%, 15%
CMY	0.5843, 0.9804, 0.8471
CMYK	0.00, 0.95, 0.63, 0.58
HSL	340°, 91%, 22%
HSV	340°, 95%, 42%
XYZ	6.3643, 3.3192, 2.2247
YIQ	39.0750, 49.2820, 31.9860

Conversions

Conversions Part 2

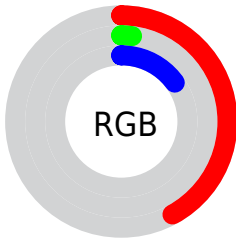
Format	Color
RYB	106, 5, 39
Decimal	6948135
CIELab	21.28, 42.35, 9.60
CIELCh	21, 43.424, 12.770
Yxy	3.3192, 0.5344, 0.2787
Android (android.graphics.Color)	4285138215 (0xFF6A0527)
YUV	39.0750, -0.0370, 58.6932
Hunter-Lab	18.2187, 30.4729, 5.5131

Details

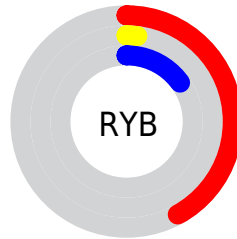
The Hex color **6A0527** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **056A48**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **A24054**, and **360001** is the 20% darker color. If you saturate the color by 10%, you get **6A0024**, and if you desaturate by 10%, it is **6A102E**.

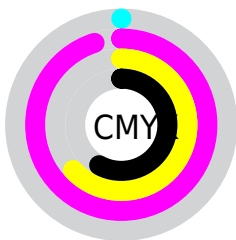
Distribution



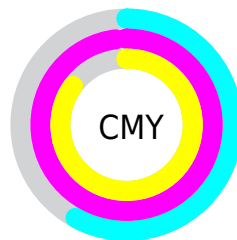
- Red (42%)
- Green (2%)
- Blue (15%)



- Red (42%)
- Yellow (2%)
- Blue (15%)



- Cyan (0%)
- Magenta (95%)
- Yellow (63%)
- Black (58%)



- Cyan (58%)
- Magenta (98%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A0527 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 6A0527 by changing the saturation by 10% instead.

 6A0527

 6A0527

FFFFFF

 4F0013

 A24054

 360001

 BF5A6C

 0C0000

 DD7485

 000000

 FB8F9F

 FFAABA

 FFC6D6

 FFE3F2

 6A0527

 6A0527

■ 6A0024

■ 6A102E

■ 6A1A35

■ 6A253C

■ 6A2F43

■ 6A3A4A

■ 6A4551

■ 6A4F58

■ 6A5A5F

■ 6A6466

Harmonies

Analogous

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



620D47



6A0527



621905

Triad

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



6A0527



0A3C00



003C71

Complementary

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



6A0527



056A48

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.



00405E



6A0527



00401F

Square

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



6A0527



343600



004140



003372

Rectangle

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



6A0527



562500



004140



003E6C

Sweetspot

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



6A0527



8A626F



47056A



452D35



C4C4C4



454545

Same Dimension

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



6A0527



8A002E



6A1405



363032



750027



F50052

Inverse Universe

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



6A0527



8A002E



055B6A



363032



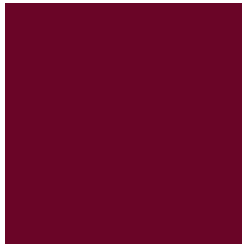
750027



F50052

Previews

White Background



This preview shows how the Hex color 6A0527 looks on a white background.

Color Contrast Check

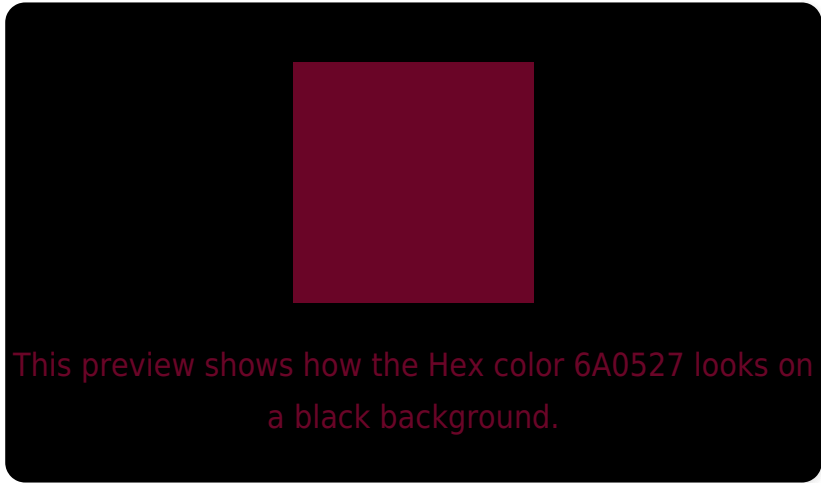
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A0527 Background



This preview shows how black text looks on a background with the Hex color 6A0527.



This preview shows how white text looks on a background with the Hex color 6A0527.

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
6A0527

Protanopia
373639

Deuteranopia
423422



Tritanopia
69100F

Trichromacy



Original Color
6A0527

Protanomaly
4A2432

Deuteranomaly
512324

Tritanomaly
690C18

Monochromacy



Original Color
6A0527

Achromatopsia
272727

Achromatomaly
3F1B27

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A0527 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 #6A0527 looks like.

```
.text, #text, p{  
    color:#6A0527  
}
```

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 #6A0527 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A0527
}
```

Border

The CSS property to change the border of an element to Hex 6A0527 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".

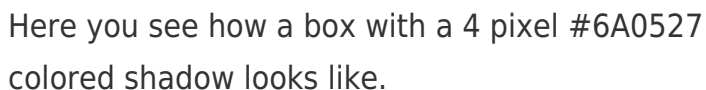
```
.border, #border, table{ border:4px solid
#6A0527 }
```

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

```
.border{ border-color:#6A0527 }
```

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

Here you see how a box with a 4 pixel #6A0527 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 #6A0527; -webkit-box-shadow:4px 4px  
4px 4px #6A0527; box-shadow:4px 4px 4px  
4px #6A0527 }
```

Background

The CSS property to change the background color of an element to Hex 6A0527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A0527 }
```

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

```
.background{ background-color:#6A0527 }
```

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