

Converting Colors

Hex(6A2D27)

Have a look what the booklet for
Hex(6A2D27) contains.

Hex(6A2D27)	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(6A2D27)

Conversions

Conversions Part 1

Format	Color
Hex	6A2D27
RGB	106, 45, 39
RGB Percent	42%, 18%, 15%
CMY	0.5843, 0.8235, 0.8471
CMYK	0.00, 0.58, 0.63, 0.58
HSL	5°, 46%, 28%
HSV	5°, 63%, 42%
XYZ	7.2485, 5.0874, 2.5194
YIQ	62.5550, 38.2820, 11.0660

Conversions

Conversions Part 2

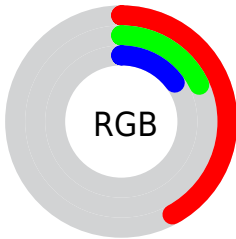
Format	Color
R_{YB}	106, 46, 39
Decimal	6958375
CIE Lab	26.98, 26.77, 17.12
CIE LCh	27, 31.770, 32.599
Yxy	5.0874, 0.4879, 0.3425
Android (android.graphics.Color)	4285148455 (0xFF6A2D27)
YUV	62.5550, -11.6126, 38.1013
Hunter-Lab	22.5553, 17.8915, 9.1661

Details

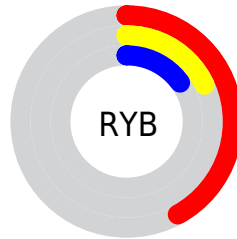
The Hex color **6A2D27** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **27646A**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **A15D54**, and **360000** is the 20% darker color. If you saturate the color by 10%, you get **6A231C**, and if you desaturate by 10%, it is **6A3732**.

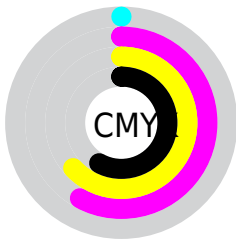
Distribution



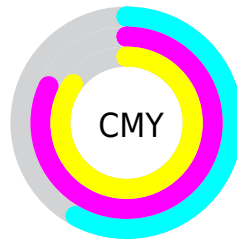
- Red (42%)
- Green (18%)
- Blue (15%)



- Red (42%)
- Yellow (18%)
- Blue (15%)



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



- Cyan (58%)
- Magenta (82%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A2D27 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 6A2D27 by changing the saturation by 10% instead.



6A2D27



6A2D27

FFFFFF



501613



A15D54



360000



BD766C



1B0001



DA9086



000000



F8ABA0



FFC6BB



FFE3D6



FFFFF3



6A2D27



6A2D27

■ 6A231C

■ 6A3732

■ 6A1A12

■ 6A403C

■ 6A1007

■ 6A4A47

■ 6A0900

■ 6A5451

■ 6A5D5C

■ 6A6767

■ 6A7171

■ 6A7A7C

■ 6A8486

Harmonies

Analogous

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



6B293F



6A2D27



5E3614

Triad

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



6A2D27



0A4A28



064270

Complementary

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



6A2D27



27646A

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.



00486B



6A2D27



004B41

Square

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



6A2D27



324614



004B59



433869

Rectangle

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



6A2D27



523C0C



004B59



004470

Sweetspot

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



6A2D27



8A7270



6A2764



453635



C4C4C4



454545

Same Dimension

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



6A2D27



8A2A21



6A4E27



363130



750B00



F51600

Inverse Universe

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



27646A



21808A



27436A



303536



006B75



00DFF5

Previews

White Background



This preview shows how the Hex color 6A2D27 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 6A2D27 Background



This preview shows how black text looks on a background with the Hex color 6A2D27.

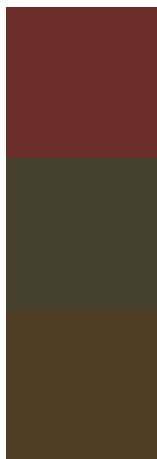


This preview shows how white text looks on a background with the Hex color 6A2D27.

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
6A2D27

Protanopia
46412F

Deuteranopia
4F3E24

Trichromacy



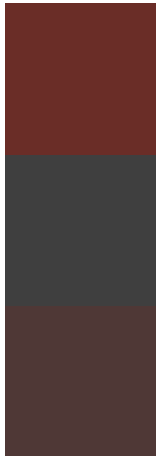
Original Color
6A2D27

Protanomaly
533A2C

Deuteranomaly
593825

Tritanomaly
6A2C2C

Monochromacy



Original Color
6A2D27

Achromatopsia
3F3F3F

Achromatomaly
4F3836

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A2D27 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 #6A2D27 looks like.

```
.text, #text, p{  
    color:#6A2D27  
}
```

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 #6A2D27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A2D27
}
```

Border

The CSS property to change the border of an element to Hex 6A2D27 is called "border". The border property can be set on classes, ids or directly on the HTML element.

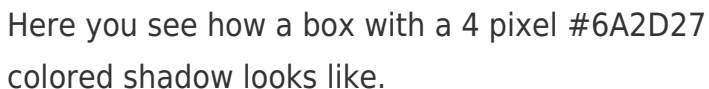
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A2D27 }
```

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

```
.border{ border-color:#6A2D27 }
```

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



Here you see how a box with a 4 pixel #6A2D27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A2D27; -webkit-box-shadow:4px 4px  
4px 4px #6A2D27; box-shadow:4px 4px 4px  
4px #6A2D27 }
```

Background

The CSS property to change the background color of an element to Hex 6A2D27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A2D27 }
```

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

```
.background{ background-color:#6A2D27 }
```

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