

Converting Colors

Hex(B16A27)

Have a look what the booklet for
Hex(B16A27) contains.

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Color

Hex(B16A27)

Conversions

Conversions Part 1

Format	Color
Hex	B16A27
RGB	177, 106, 39
RGB Percent	69%, 42%, 15%
CMY	0.3059, 0.5843, 0.8471
CMYK	0.00, 0.40, 0.78, 0.31
HSL	29°, 64%, 42%
HSV	29°, 78%, 69%
XYZ	23.6517, 19.8017, 4.4950
YIQ	119.5910, 63.8230, -5.7850

Conversions

Conversions Part 2

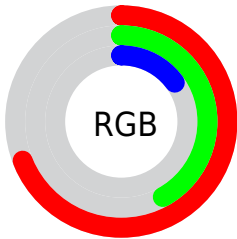
Format	Color
R_{YB}	177, 169, 39
Decimal	11627047
CIE _{Lab}	51.61, 23.06, 47.45
CIE _{LCh}	52, 52.758, 64.080
Yxy	19.8017, 0.4933, 0.4130
Android (android.graphics.Color)	4289817127 (0xFFB16A27)
YUV	119.5910, -39.7314, 50.3477
Hunter-Lab	44.4991, 17.0012, 25.1603

Details

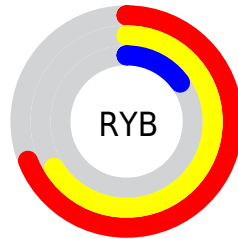
The Hex color **B16A27** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **276EB1**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **ED9E59**, and **773A00** is the 20% darker color. If you saturate the color by 10%, you get **B16115**, and if you desaturate by 10%, it is **B17339**.

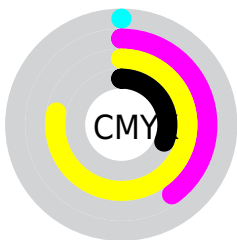
Distribution



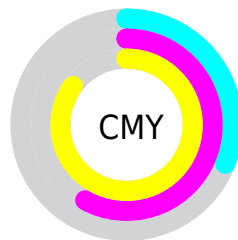
- Red (69%)
- Green (42%)
- Blue (15%)



- Red (69%)
- Yellow (66%)
- Blue (15%)



- Cyan (0%)
- Magenta (40%)
- Yellow (78%)
- Black (31%)



- Cyan (31%)
- Magenta (58%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color B16A27 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 B16A27 by changing the saturation by 10% instead.

 B16A27

 B16A27

FFFFFF

 94520C

 ED9E59

 773A00

 FFB972

 5B2300

 FFD58D

 3F0D00

 FFF1A8

 280000

 FFFFC3

 000000

 FFFFEO

 FFFFFD

 B16A27

 B16A27

 B16115

 B17339

 B15804

 B17C4A

 B15600

 B1855C

 B18E6E

 B19880

 B1A191

 B1AAA3

 B1B3B5

 B1BCC6

Harmonies

Analogous

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



C8584B



B16A27



8D7B15

Triad

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



B16A27



009080



846CC6

Complementary

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



B16A27



276EB1

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.



027ED5



B16A27



0090AC

Square

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



B16A27



008E52



008ACC



B659A3

Rectangle

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



B16A27



6F831F



008ACC



6B73CE

Sweetspot

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



B16A27



E6CAB1



B1276E



736253



F2F2F2



737373

Same Dimension

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



B16A27



E6770E



B1AF27



595550



994A00



1A0C00

Inverse Universe

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



276EB1



0E7DE6



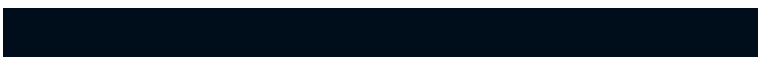
2729B1



505559



004F99



000D1A

Previews

White Background



This preview shows how the Hex color B16A27 looks on a white background.

Color Contrast Check

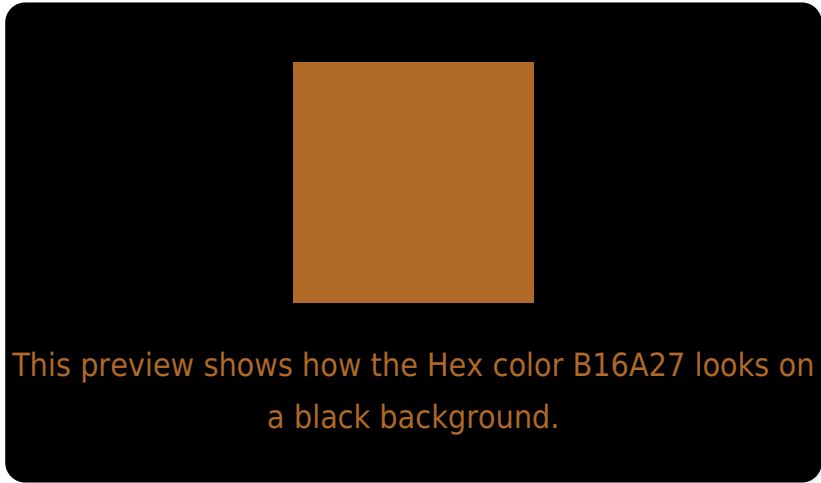
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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 × Fail

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

Hex B16A27 Background



This preview shows how black text looks on a background with the Hex color B16A27.



This preview shows how white text looks on a background with the Hex color B16A27.

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
B16A27

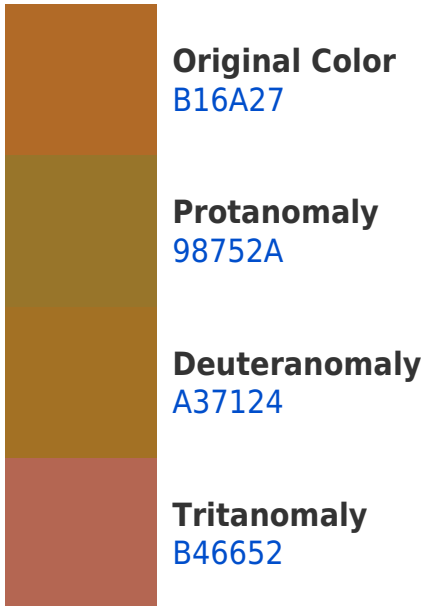
Protanopia
8A7C2C

Deuteranopia
9B7523

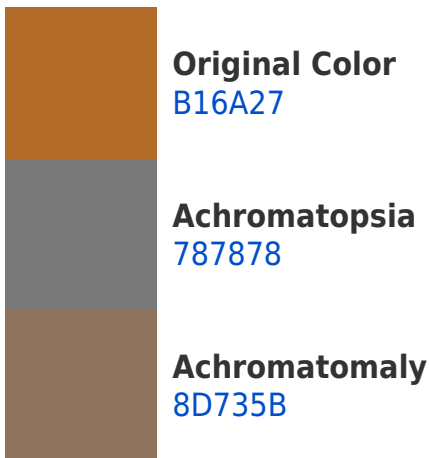


Tritanopia
B5636A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B16A27 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 #B16A27 looks like.

```
.text, #text, p{  
    color:#B16A27  
}
```

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 #B16A27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B16A27
}
```

Border

The CSS property to change the border of an element to Hex B16A27 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
#B16A27 }
```

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

```
.border{ border-color:#B16A27 }
```

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

Here you see how a box with a 4 pixel #B16A27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B16A27; -webkit-box-shadow:4px 4px  
4px 4px #B16A27; box-shadow:4px 4px 4px  
4px #B16A27 }
```

Background

The CSS property to change the background color of an element to Hex B16A27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B16A27 }
```

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

```
.background{ background-color:#B16A27 }
```

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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