

Converting Colors

Hex(B16437)

Have a look what the booklet for
Hex(B16437) contains.

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Color

Hex(B16437)

Conversions

Conversions Part 1

Format	Color
Hex	B16437
RGB	177, 100, 55
RGB Percent	69%, 39%, 22%
CMY	0.3059, 0.6078, 0.7843
CMYK	0.00, 0.44, 0.69, 0.31
HSL	22°, 53%, 45%
HSV	22°, 69%, 69%
XYZ	23.3782, 18.7373, 5.9989
YIQ	117.8930, 60.3370, 2.3290

Conversions

Conversions Part 2

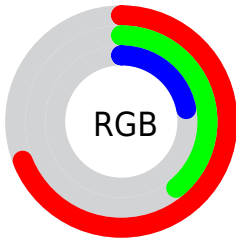
Format	Color
RYB	177, 126, 55
Decimal	11625527
CIELab	50.38, 27.16, 38.34
CIElCh	50, 46.989, 54.686
Yxy	18.7373, 0.4859, 0.3894
Android (android.graphics.Color)	4289815607 (0xFFB16437)
YUV	117.8930, -31.0062, 51.8368
Hunter-Lab	43.2866, 20.6527, 22.0838

Details

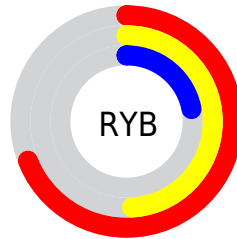
The Hex color **B16437** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3784B1**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **ED9868**, and **773408** is the 20% darker color. If you saturate the color by 10%, you get **B15925**, and if you desaturate by 10%, it is **B16F49**.

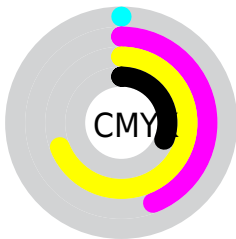
Distribution



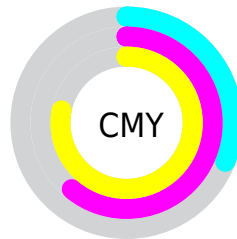
- Red (69%)
- Green (39%)
- Blue (22%)



- Red (69%)
- Yellow (49%)
- Blue (22%)



- Cyan (0%)
- Magenta (44%)
- Yellow (69%)
- Black (31%)



- Cyan (31%)
- Magenta (61%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color B16437 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 B16437 by changing the saturation by 10% instead.

 B16437

 B16437

FFFFFF

 944B20

 ED9868

 773408

 FF381

 5C1D00

 FFCE9C

 400500

 FFE8B7

 290001

 FFFFD3

 000000

 FFFFEF

 B16437

 B16437

 B15925

 B16F49

 B14E14

 B17A5A

 B14202

 B1866C

 B14100

 B1917E

 B19C8F

 B1A7A1

 B1B2B3

 B1BDC5

 B1C9D6

Harmonies

Analogous

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



C05759



B16437



947323

Triad

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



B16437



008B6F



6D70C1

Complementary

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



B16437



3784B1

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.



007EC7



B16437



008B98

Square

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



B16437



3A8747



0087B9



A260A7

Rectangle

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



B16437



7B7C24



0087B9



5376C5

Sweetspot

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



B16437



E6C7B5



B13784



736156



F2F2F2



737373

Same Dimension

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



B16437



E66D27



B1A137



595450



993800



1A0900

Inverse Universe

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



3784B1



279FE6



3747B1



505659



006199



00101A

Previews

White Background



This preview shows how the Hex color B16437 looks on a white background.

Color Contrast Check

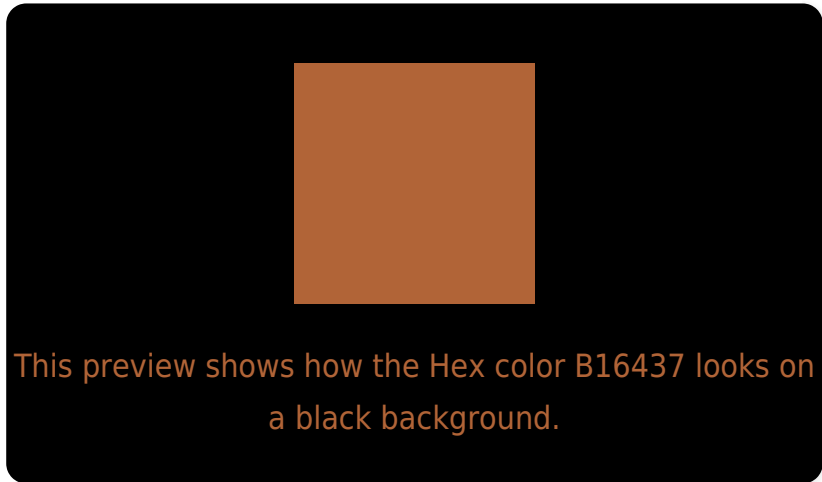
Large Text (above 18pt) WCAG AA ✓ Pass

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 B16437 Background



This preview shows how black text looks on a background with the Hex color B16437.



This preview shows how white text looks on a background with the Hex color B16437.

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
B16437

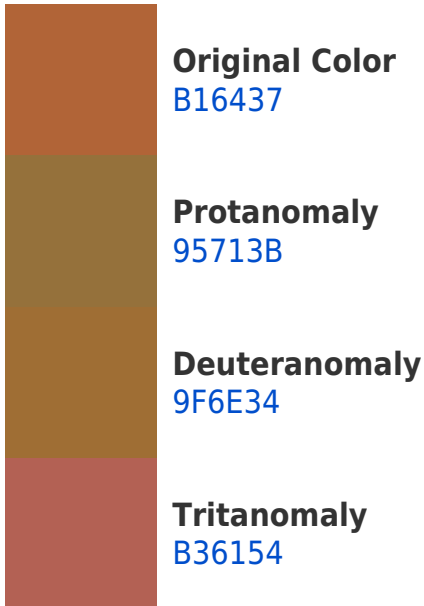
Protanopia
85793E

Deuteranopia
957333



Tritanopia
B45F65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B16437 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 #B16437 looks like.

```
.text, #text, p{  
    color:#B16437  
}
```

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 #B16437 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B16437
}
```

Border

The CSS property to change the border of an element to Hex B16437 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
#B16437 }
```

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

```
.border{ border-color:#B16437 }
```

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

Here you see how a box with a 4 pixel #B16437 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B16437; -webkit-box-shadow:4px 4px  
4px 4px #B16437; box-shadow:4px 4px 4px  
4px #B16437 }
```

Background

The CSS property to change the background color of an element to Hex B16437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B16437 }
```

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

```
.background{ background-color:#B16437 }
```

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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