

Converting Colors

Hex(B56E1A)

Have a look what the booklet for
Hex(B56E1A) contains.

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Color

Hex(B56E1A)

Conversions

Conversions Part 1

Format	Color
Hex	B56E1A
RGB	181, 110, 26
RGB Percent	71%, 43%, 10%
CMY	0.2902, 0.5686, 0.8980
CMYK	0.00, 0.39, 0.86, 0.29
HSL	33°, 75%, 41%
HSV	33°, 86%, 71%
XYZ	24.8184, 21.0502, 3.7323
YIQ	121.6530, 69.2800, -11.0720

Conversions

Conversions Part 2

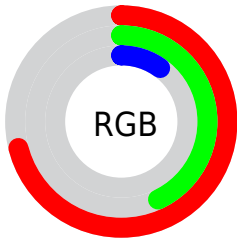
Format	Color
RYB	157, 181, 26
Decimal	11890202
CIELab	53.00, 22.15, 54.00
CIElCh	53, 58.370, 67.700
Yxy	21.0502, 0.5004, 0.4244
Android (android.graphics.Color)	4290080282 (0xFFB56E1A)
YUV	121.6530, -47.1569, 52.0473
Hunter-Lab	45.8805, 16.2663, 27.2932

Details

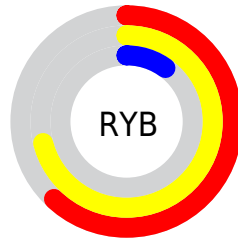
The Hex color **B56E1A** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1A61B5**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **F2A24F**, and **7A3E00** is the 20% darker color. If you saturate the color by 10%, you get **B56608**, and if you desaturate by 10%, it is **B5762C**.

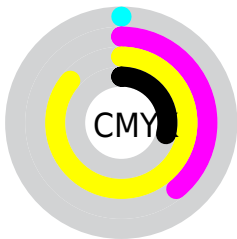
Distribution



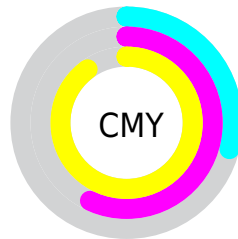
- Red (71%)
- Green (43%)
- Blue (10%)



- Red (62%)
- Yellow (71%)
- Blue (10%)



- Cyan (0%)
- Magenta (39%)
- Yellow (86%)
- Black (29%)



- Cyan (29%)
- Magenta (57%)
- Yellow (90%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B56E1A 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 B56E1A by changing the saturation by 10% instead.

 B56E1A

 B56E1A

FFFFFF

 975500

 F2A24F

 7A3E00

 FFBD69

 5E2700

 FFD983

 421200

 FFF59E

 290000

 FFFFBA

 000000

 FFFFDD

 FFFFF3

 B56E1A

 B56E1A

 B56608

 B5762C

 B56200

 B57F3E

 B58750

 B58F62

 B59775

 B5A087

 B5A899

 B5B0AB

 B5B9BD

Harmonies

Analogous

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



D15944



B56E1A



8B8001

Triad

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



B56E1A



00968A



916BCF

Complementary

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



B56E1A



1A61B5

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.



0780E3



B56E1A



0095BB

Square

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



B56E1A



009356



008EDB



C555A6

Rectangle

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



B56E1A



698918



008EDB



7673D8

Sweetspot

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



B56E1A



EBCFAE



B51A62



756551



F5F5F5



757575

Same Dimension

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



B56E1A



EB7F00



B0B51A



595550



995300



1A0E00

Inverse Universe

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



1A61B5



006BEB



1F1AB5



505459



004699



000C1A

Previews

White Background



This preview shows how the Hex color B56E1A looks on a white background.

Color Contrast Check

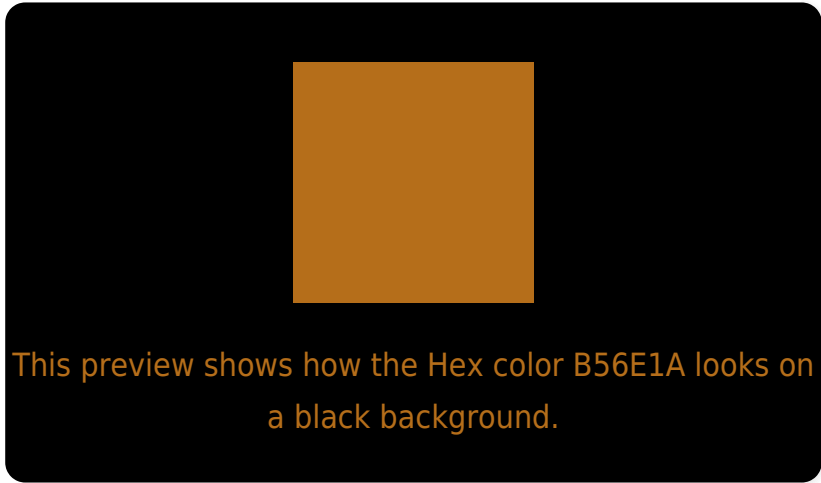
Large Text (above 18pt) WCAG AA ✓ Pass

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 B56E1A Background



This preview shows how black text looks on a background with the Hex color B56E1A.



This preview shows how white text looks on a background with the Hex color B56E1A.

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
B56E1A

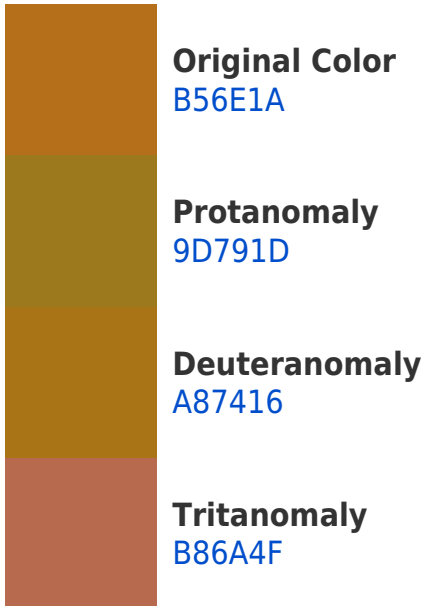
Protanopia
8F7F1E

Deuteranopia
A07813

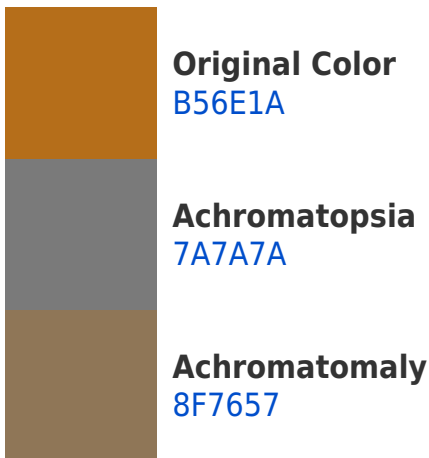


Tritanopia
B9676E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B56E1A 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 #B56E1A looks like.

```
.text, #text, p{  
    color:#B56E1A  
}
```

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 #B56E1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B56E1A
}
```

Border

The CSS property to change the border of an element to Hex B56E1A 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
#B56E1A }
```

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

```
.border{ border-color:#B56E1A }
```

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

Here you see how a box with a 4 pixel #B56E1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B56E1A; -webkit-box-shadow:4px 4px  
4px 4px #B56E1A; box-shadow:4px 4px 4px  
4px #B56E1A }
```

Background

The CSS property to change the background color of an element to Hex B56E1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B56E1A }
```

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

```
.background{ background-color:#B56E1A }
```

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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