

Converting Colors

Hex(B37A20)

Have a look what the booklet for
Hex(B37A20) contains.

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Color

Hex(B37A20)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B37A20 |
| RGB | 179, 122, 32 |
| RGB Percent | 70%, 48%, 13% |
| CMY | 0.2980, 0.5216, 0.8745 |
| CMYK | 0.00, 0.32, 0.82, 0.30 |
| HSL | 37°, 70%, 41% |
| HSV | 37°, 82%, 70% |
| XYZ | 25.8107, 23.6071, 4.5627 |
| YIQ | 128.7830, 62.8620, -15.9060 |

Conversions

Conversions Part 2

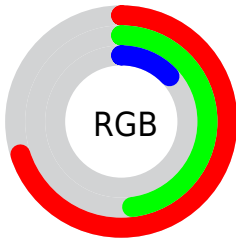
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 125, 179, 32 |
| Decimal | 11762208 |
| CIE _{Lab} | 55.69, 14.77, 54.14 |
| CIE _{LCh} | 56, 56.117, 74.743 |
| Yxy | 23.6071, 0.4781, 0.4373 |
| Android (android.graphics.Color) | 4289952288 (0xFFB37A20) |
| YUV | 128.7830, -47.7140, 44.0403 |
| Hunter-Lab | 48.5871, 9.7961, 28.4431 |

Details

The Hex color **B37A20** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2059B3**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **EFAE55**, and **794900** is the 20% darker color. If you saturate the color by 10%, you get **B3730E**, and if you desaturate by 10%, it is **B38132**.

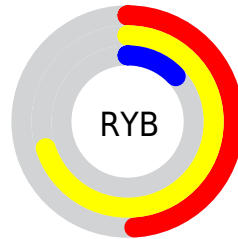
Distribution



Red (70%)

Green (48%)

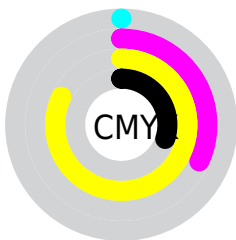
Blue (13%)



Red (49%)

Yellow (70%)

Blue (13%)

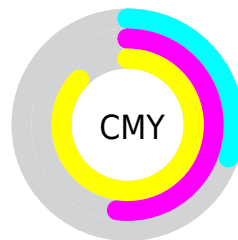


Cyan (0%)

Magenta (32%)

Yellow (82%)

Black (30%)



Cyan (30%)

Magenta (52%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color B37A20 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 B37A20 by changing the saturation by 10% instead.

 B37A20

 B37A20

FFFFFF

 966100

 EFAE55

 794900

 FFCA6F

 5D3300

 FFE689

 421E00

 FFFFA4

 280800

 FFFFC0

 000000

 FFFFDD

 FFFFFA

 B37A20

 B37A20

 B3730E

 B38132

 B36E00

 B38844

 B38F56

 B39668

 B39D7A

 B3A48B

 B3AB9D

 B3B2AF

 B3B8C1

Harmonies

Analogous

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



D26643



B37A20



888A1B

Triad

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



B37A20



009D9D



A66ECB

Complementary

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



B37A20



2059B3

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.



5483E4



B37A20



009AC9

Square

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



B37A20



009B6A



0092E3



D15BA0

Rectangle

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



B37A20



65922E



0092E3



9175D6

Sweetspot

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



B37A20



E8D2AE



B3205B



756852



F5F5F5



757575

Same Dimension

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



B37A20



E88F02



A4B320



595650



995E00



1A1000

Inverse Universe

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



2059B3



025BE8



2F20B3



505459



003B99



000A1A

Previews

White Background



This preview shows how the Hex color B37A20 looks on a white background.

Color Contrast Check

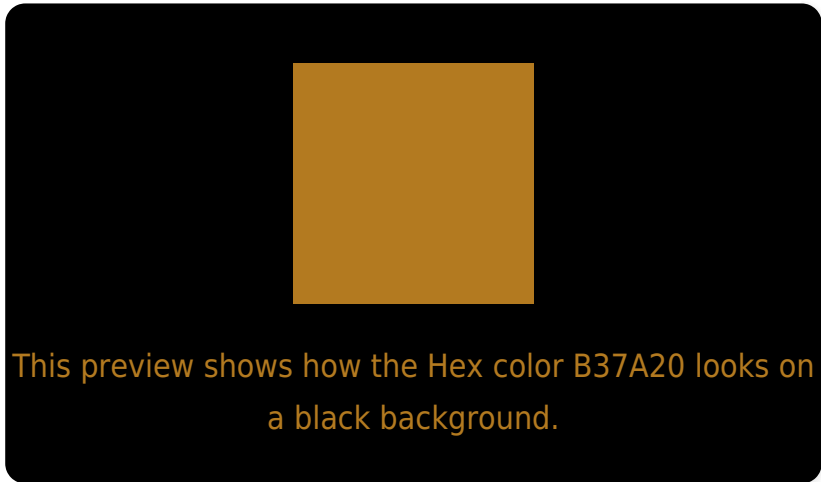
Large Text (above 18pt) WCAG AA ✓ Pass

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 B37A20 Background



This preview shows how black text looks on a background with the Hex color B37A20.



This preview shows how white text looks on a background with the Hex color B37A20.

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
B37A20

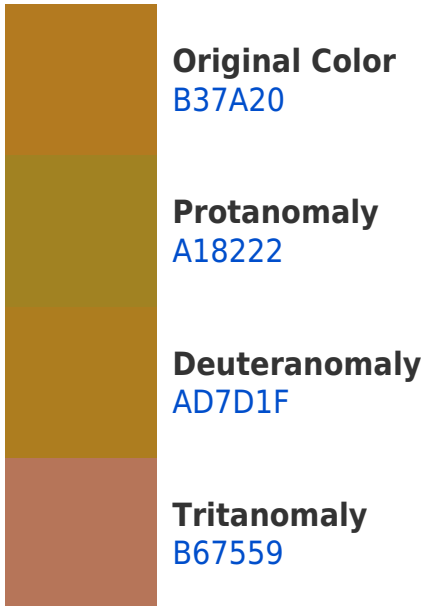
Protanopia
968623

Deuteranopia
A97F1E

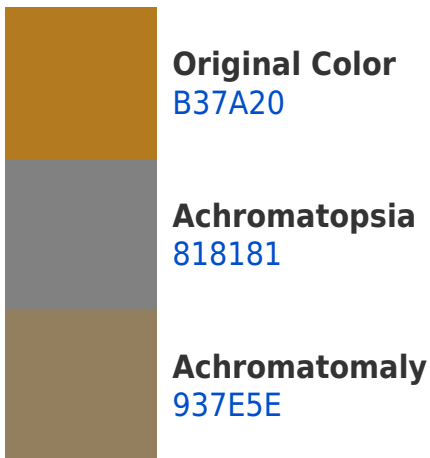


Tritanopia
B8727A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B37A20 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 #B37A20 looks like.

```
.text, #text, p{  
    color:#B37A20  
}
```

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 #B37A20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B37A20
}
```

Border

The CSS property to change the border of an element to Hex B37A20 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
#B37A20 }
```

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

```
.border{ border-color:#B37A20 }
```

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

Here you see how a box with a 4 pixel #B37A20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B37A20; -webkit-box-shadow:4px 4px  
4px 4px #B37A20; box-shadow:4px 4px 4px  
4px #B37A20 }
```

Background

The CSS property to change the background color of an element to Hex B37A20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B37A20 }
```

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

```
.background{ background-color:#B37A20 }
```

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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