

Converting Colors

Hex(B33F21)

Have a look what the booklet for
Hex(B33F21) contains.

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Color

Hex(B33F21)

Conversions

Conversions Part 1

Format	Color
Hex	B33F21
RGB	179, 63, 33
RGB Percent	70%, 25%, 13%
CMY	0.2980, 0.7529, 0.8706
CMYK	0.00, 0.65, 0.82, 0.30
HSL	12°, 69%, 42%
HSV	12°, 82%, 70%
XYZ	20.6424, 13.2485, 2.9081
YIQ	94.2640, 78.7660, 15.2620

Conversions

Conversions Part 2

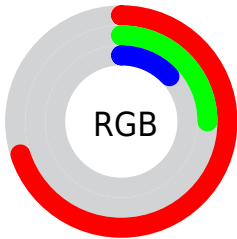
Format	Color
R_{YB}	179, 71, 33
Decimal	11747105
CIE Lab	43.14, 45.65, 42.17
CIE LCh	43, 62.151, 42.732
Yxy	13.2485, 0.5610, 0.3600
Android (android.graphics.Color)	4289937185 (0xFFB33F21)
YUV	94.2640, -30.2032, 74.3135
Hunter-Lab	36.3985, 37.5340, 20.7419

Details

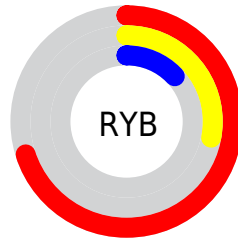
The Hex color **B33F21** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **2195B3**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **F17450**, and **770000** is the 20% darker color. If you saturate the color by 10%, you get **B3310F**, and if you desaturate by 10%, it is **B34D33**.

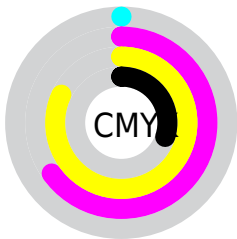
Distribution



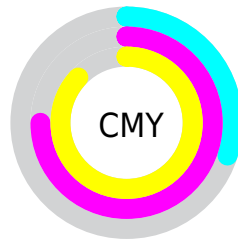
- Red (70%)
- Green (25%)
- Blue (13%)



- Red (70%)
- Yellow (28%)
- Blue (13%)



- Cyan (0%)
- Magenta (65%)
- Yellow (82%)
- Black (30%)



- Cyan (30%)
- Magenta (75%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color B33F21 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 B33F21 by changing the saturation by 10% instead.

 B33F21

 B33F21

FFFFFF

 952409

 F17450

 770000

 FF8F69

 590000

 FFAA82

 3D0001

 FFC69D

 1E0001

 FFE3B8

 000000

 FFFFD4

 FFFFF0

 B33F21

 B33F21

 B3310F

 B34D33

 B32500

 B35B45

 B36A57

 B37869

 B3867B

 B3948C

 B3A39E

 B3B1B0

 B3BFC2

Harmonies

Analogous

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



BF2852



B33F21



945800

Triad

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



B33F21



007B45



0065CB

Complementary

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



B33F21



2195B3

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.



0074C9



B33F21



007C7B

Square

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



B33F21



287509



007BAB



824DB2

Rectangle

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



B33F21



776500



007BAB



006BCE

Sweetspot

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



B33F21



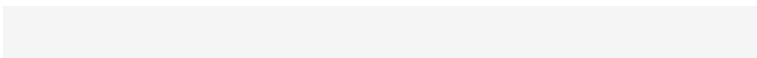
E8BCB0



B32196



755A53



F5F5F5



757575

Same Dimension

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



B33F21



E83305



B38721



595250



991F00



1A0500

Inverse Universe

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



2195B3



05B9E8



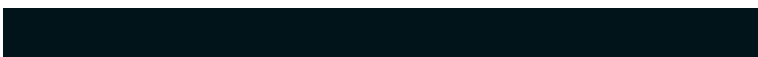
214DB3



505759



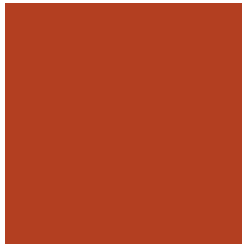
007A99



00141A

Previews

White Background



This preview shows how the Hex color B33F21 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

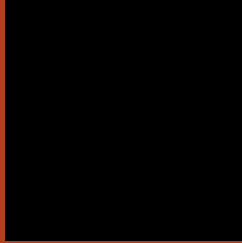
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex B33F21 Background



This preview shows how black text looks on a background with the Hex color B33F21.



This preview shows how white text looks on a background with the Hex color B33F21.

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
B33F21

Protanopia
72672C

Deuteranopia
816115



Tritanopia
B43C3F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B33F21 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 #B33F21 looks like.

```
.text, #text, p{  
  color:#B33F21  
}
```

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 #B33F21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B33F21
}
```

Border

The CSS property to change the border of an element to Hex B33F21 is called "border". The border property can be set on classes, ids or directly on the HTML element.

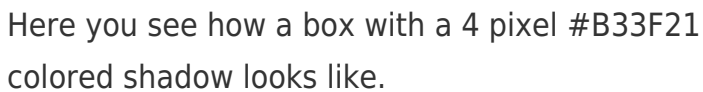
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B33F21 }
```

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

```
.border{ border-color:#B33F21 }
```

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



Here you see how a box with a 4 pixel #B33F21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B33F21; -webkit-box-shadow:4px 4px  
4px 4px #B33F21; box-shadow:4px 4px 4px  
4px #B33F21 }
```

Background

The CSS property to change the background color of an element to Hex B33F21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B33F21 }
```

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

```
.background{ background-color:#B33F21 }
```

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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