

Converting Colors

Hex(B25635)

Have a look what the booklet for
Hex(B25635) contains.

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Color

Hex(B25635)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | B25635 |
| RGB | 178, 86, 53 |
| RGB Percent | 70%, 34%, 21% |
| CMY | 0.3020, 0.6627, 0.7922 |
| CMYK | 0.00, 0.52, 0.70, 0.30 |
| HSL | 16°, 54%, 45% |
| HSV | 16°, 70%, 70% |
| XYZ | 22.3305, 16.3776, 5.3524 |
| YIQ | 109.7460, 65.4250, 9.2410 |

Conversions

Conversions Part 2

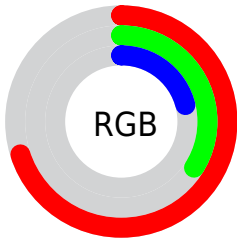
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 178, 98, 53 |
| Decimal | 11687477 |
| CIE Lab | 47.47, 34.96, 36.16 |
| CIE LCh | 47, 50.299, 45.963 |
| Yxy | 16.3776, 0.5068, 0.3717 |
| Android (android.graphics.Color) | 4289877557 (0xFFB25635) |
| YUV | 109.7460, -27.9758, 59.8588 |
| Hunter-Lab | 40.4692, 27.6732, 20.4869 |

Details

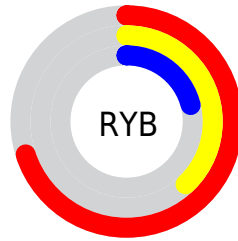
The Hex color **B25635** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **3591B2**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **EE8A65**, and **772407** is the 20% darker color. If you saturate the color by 10%, you get **B24923**, and if you desaturate by 10%, it is **B26347**.

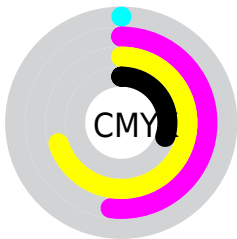
Distribution



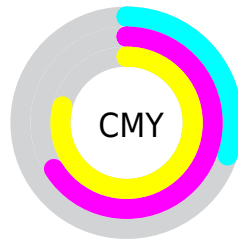
- Red (70%)
- Green (34%)
- Blue (21%)



- Red (70%)
- Yellow (38%)
- Blue (21%)



- Cyan (0%)
- Magenta (52%)
- Yellow (70%)
- Black (30%)



- Cyan (30%)
- Magenta (66%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color B25635 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 B25635 by changing the saturation by 10% instead.

 B25635

 B25635

FFFFFF

 943D1E

 EE8A65

 772407

 FFA57E

 5B0900

 FFC099

 3F0000

 FFDCB3

 260001

 FFF9CF

 000000

 FFFFEC

 B25635

 B25635

 B24923

 B26347

 B23C11

 B27059

 B22F00

 B27D6A

 B28A7C

 B2988E

 B2A5A0

 B2B2B2

 B2BFC3

 B2CCD5

Harmonies

Analogous

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



BD495C



B25635



976717

Triad

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



B25635



00835B



496EC2

Complementary

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



B25635



3591B2

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.



007BC3



B25635



008587

Square

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



B25635



3F7F32



0082AD



8F5BAC

Rectangle

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



B25635



7E710F



0082AD



1473C5

Sweetspot

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



B25635



E8C4B7



B23593



756058



F5F5F5



757575

Same Dimension

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



B25635



E85925



B29335



595350



992800



1A0700

Inverse Universe

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



3591B2



25B5E8



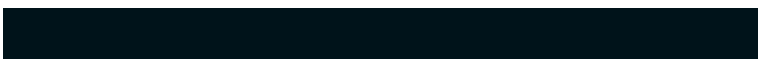
3554B2



505759



007199



00131A

Previews

White Background



This preview shows how the Hex color B25635 looks on a white background.

Color Contrast Check

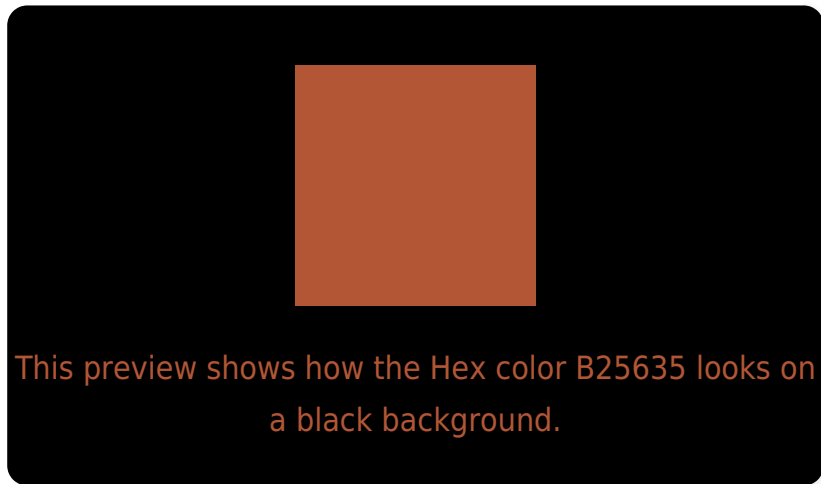
Large Text (above 18pt) WCAG AA ✓ Pass

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

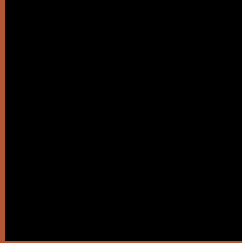
Any Text WCAG AA × Fail

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 B25635 Background



This preview shows how black text looks on a background with the Hex color B25635.



This preview shows how white text looks on a background with the Hex color B25635.

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
B25635

Protanopia
7D713E

Deuteranopia
8C6C30



Tritanopia
B45257

Trichromacy



Original Color
B25635

Protanomaly
90673B

Deuteranomaly
9A6432

Tritanomaly
B3534B

Monochromacy



Original Color
B25635

Achromatopsia
6E6E6E

Achromatomaly
876559

CSS Examples

Text

The CSS property to change the color of the text to Hex B25635 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 #B25635 looks like.

```
.text, #text, p{  
    color:#B25635  
}
```

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 #B25635 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B25635
}
```

Border

The CSS property to change the border of an element to Hex B25635 is called "border". The border property can be set on classes, ids or directly on the HTML element.

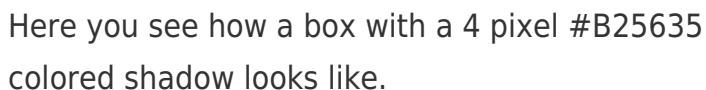
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B25635 }
```

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

```
.border{ border-color:#B25635 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel #B25635 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B25635; -webkit-box-shadow:4px 4px  
4px 4px #B25635; box-shadow:4px 4px 4px  
4px #B25635 }
```

Background

The CSS property to change the background color of an element to Hex B25635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B25635 }
```

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

```
.background{ background-color:#B25635 }
```

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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