

Converting Colors

Hex(B25E1A)

Have a look what the booklet for
Hex(B25E1A) contains.

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Color

Hex(B25E1A)

Conversions

Conversions Part 1

Format	Color
Hex	B25E1A
RGB	178, 94, 26
RGB Percent	70%, 37%, 10%
CMY	0.3020, 0.6314, 0.8980
CMYK	0.00, 0.47, 0.85, 0.30
HSL	27°, 75%, 40%
HSV	27°, 85%, 70%
XYZ	22.5493, 17.5450, 3.1753
YIQ	111.3640, 71.8920, -3.3400

Conversions

Conversions Part 2

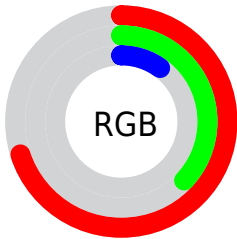
Format	Color
R_{YB}	178, 149, 26
Decimal	11689498
CIE Lab	48.94, 29.62, 50.40
CIE LCh	49, 58.461, 59.561
Yxy	17.5450, 0.5211, 0.4055
Android (android.graphics.Color)	4289879578 (0xFFB25E1A)
YUV	111.3640, -42.0845, 58.4398
Hunter-Lab	41.8867, 22.7918, 24.8261

Details

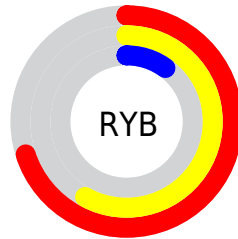
The Hex color **B25E1A** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **1A6EB2**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **EF914D**, and **772E00** is the 20% darker color. If you saturate the color by 10%, you get **B25408**, and if you desaturate by 10%, it is **B2682C**.

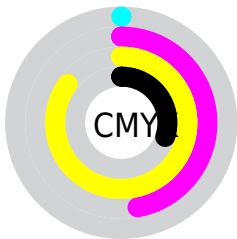
Distribution



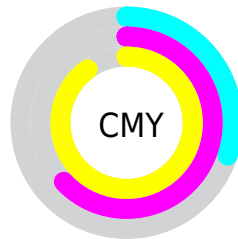
- Red (70%)
- Green (37%)
- Blue (10%)



- Red (70%)
- Yellow (58%)
- Blue (10%)



- Cyan (0%)
- Magenta (47%)
- Yellow (85%)
- Black (30%)



- Cyan (30%)
- Magenta (63%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color B25E1A 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 B25E1A by changing the saturation by 10% instead.

 B25E1A

 B25E1A

FFFFFF

 944600

 EF914D

 772E00

 FFAC66

 5A1600

 FFC880

 3E0000

 FFE49B

 260001

 FFFFB6

 000000

 FFFF D2

 FFFF EF

 B25E1A

 B25E1A

 B25408

 B2682C

 B25000

 B2723E

 B27C4F

 B28561

 B28F73

 B29985

 B2A397

 B2ADA8

 B2B7BA

Harmonies

Analogous

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



C94947



B25E1A



8C7200

Triad

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



B25E1A



008B72



7067CB

Complementary

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



B25E1A



1A6EB2

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.



007AD8



B25E1A



008BA4

Square

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



B25E1A



00873F



0086C9



AE50A7

Rectangle

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



B25E1A



6D7C00



0086C9



4E6FD2

Sweetspot

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



B25E1A



E8C7AC



B21A70



756151



F5F5F5



757575

Same Dimension

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



B25E1A



E86800



B2A81A



595450



994400



1A0B00

Inverse Universe

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



1A6EB2



0080E8



1A24B2



505559



005599



000E1A

Previews

White Background



This preview shows how the Hex color B25E1A looks on a white background.

Color Contrast Check

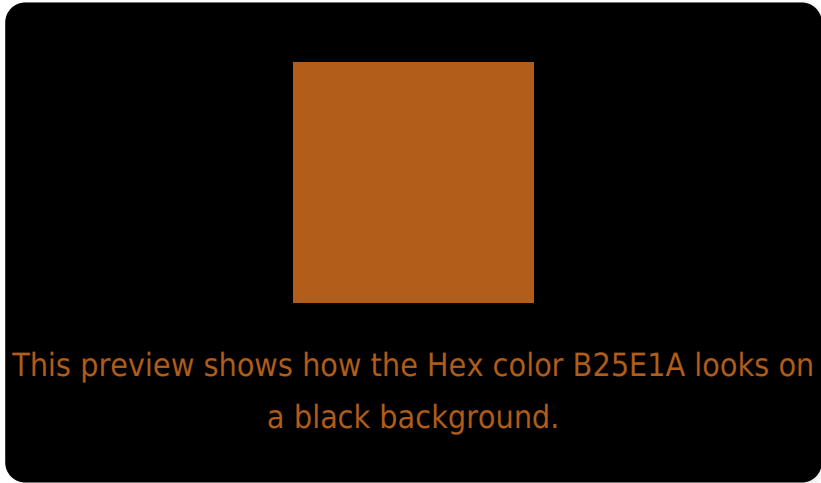
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 B25E1A Background



This preview shows how black text looks on a background with the Hex color B25E1A.



This preview shows how white text looks on a background with the Hex color B25E1A.

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

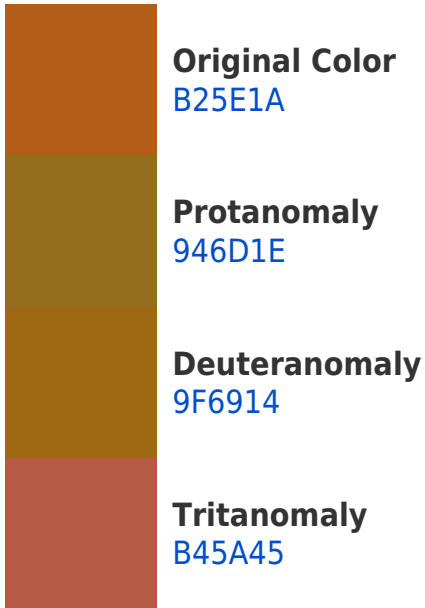


Original Color
B25E1A

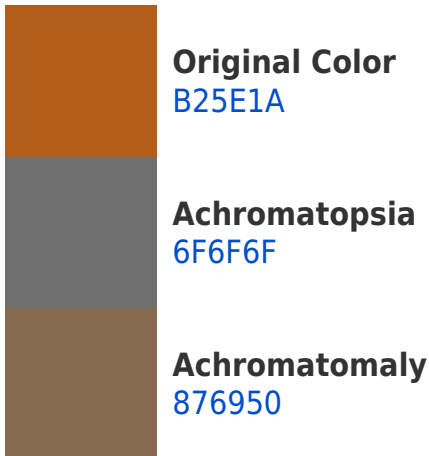
Protanopia
837520

Deuteranopia
946F10

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B25E1A 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 #B25E1A looks like.

```
.text, #text, p{  
    color:#B25E1A  
}
```

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 #B25E1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B25E1A
}
```

Border

The CSS property to change the border of an element to Hex B25E1A is called "border". The border property can be set on classes, ids or directly on the HTML element.

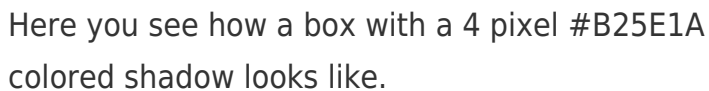
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B25E1A }
```

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

```
.border{ border-color:#B25E1A }
```

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, offset to the right and bottom of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #B25E1A colored shadow looks like." The box is positioned in the middle of the page, below the text "If you want to add a box shadow in that color use:" and above the CSS code block.

Here you see how a box with a 4 pixel #B25E1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B25E1A; -webkit-box-shadow:4px 4px  
4px 4px #B25E1A; box-shadow:4px 4px 4px  
4px #B25E1A }
```

Background

The CSS property to change the background color of an element to Hex B25E1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B25E1A }
```

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

```
.background{ background-color:#B25E1A }
```

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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