

Converting Colors

Hex(B25E0A)

Have a look what the booklet for
Hex(B25E0A) contains.

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Color

Hex(B25E0A)

Conversions

Conversions Part 1

Format	Color
Hex	B25E0A
RGB	178, 94, 10
RGB Percent	70%, 37%, 4%
CMY	0.3020, 0.6314, 0.9608
CMYK	0.00, 0.47, 0.94, 0.30
HSL	30°, 89%, 37%
HSV	30°, 94%, 70%
XYZ	22.4176, 17.4923, 2.4820
YIQ	109.5400, 77.0280, -8.3160

Conversions

Conversions Part 2

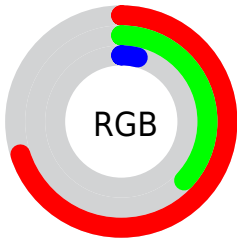
Format	Color
R_{YB}	178, 178, 10
Decimal	11689482
CIE _{Lab}	48.87, 29.29, 55.14
CIE _{LCh}	49, 62.443, 62.022
Yxy	17.4923, 0.5288, 0.4126
Android (android.graphics.Color)	4289879562 (0xFFB25E0A)
YUV	109.5400, -49.0732, 60.0394
Hunter-Lab	41.8238, 22.4845, 25.7582

Details

The Hex color **B25E0A** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **0A5EB2**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **EF9143**, and **772E00** is the 20% darker color. If you saturate the color by 10%, you get **B25900**, and if you desaturate by 10%, it is **B2671C**.

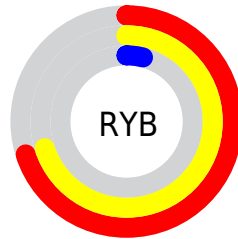
Distribution



Red (70%)

Green (37%)

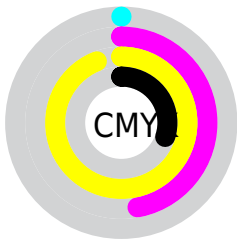
Blue (4%)



Red (70%)

Yellow (70%)

Blue (4%)

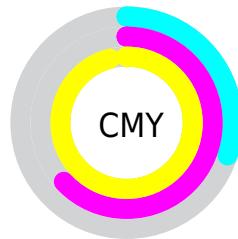


Cyan (0%)

Magenta (47%)

Yellow (94%)

Black (30%)



Cyan (30%)

Magenta (63%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color B25E0A 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 B25E0A by changing the saturation by 10% instead.

 B25E0A

 B25E0A

FFFFFF

 944600

 EF9143

 772E00

 FFAC5C

 591600

 FFC876

 3E0000

 FFE491

 260001

 FFFFAC

 000000

 FFFFC8

 FFFFE5

 B25E0A

 B25E0A

 B25900

 B2671C

 B2702E

 B2793F

 B28251

 B28B63

 B29375

 B29C87

 B2A598

 B2AEAA

Harmonies

Analogous

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



CC453F



B25E0A



897300

Triad

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



B25E0A



008C76



7664CF

Complementary

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



B25E0A



0A5EB2

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.



007ADF



B25E0A



008BAB

Square

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



B25E0A



00883F



0086D1



B54AA7

Rectangle

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



B25E0A



677D00



0086D1



526CD7

Sweetspot

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



B25E0A



E8C8A7



B20A5E



75614D



F5F5F5



757575

Same Dimension

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



B25E0A



E87400



B2B20A



595550



994D00



1A0D00

Inverse Universe

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



0A5EB2



0074E8



0A0AB2



505559



004D99



000D1A

Previews

White Background



This preview shows how the Hex color B2E0A looks on a white background.

Color Contrast Check

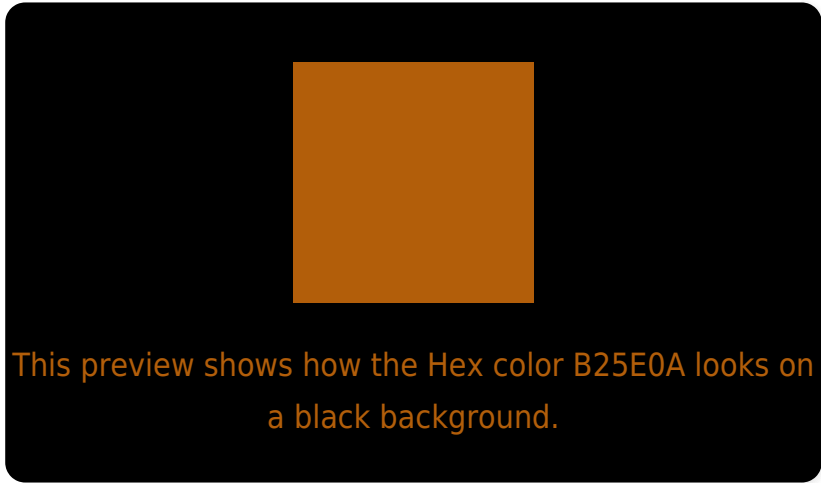
Large Text (above 18pt) WCAG AA ✓ Pass

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 B25E0A Background



This preview shows how black text looks on a background with the Hex color B25E0A.



This preview shows how white text looks on a background with the Hex color B25E0A.

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
B25E0A

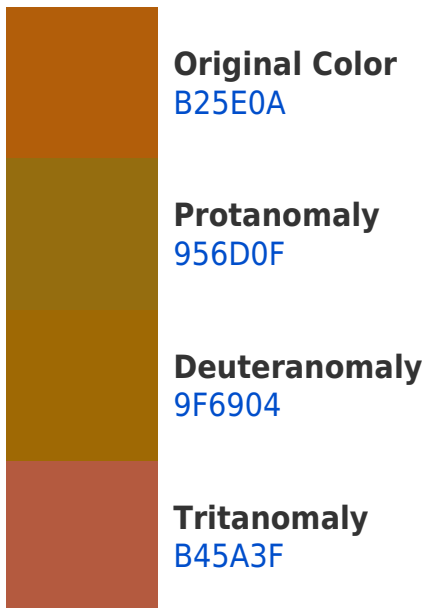
Protanopia
847512

Deuteranopia
946F00

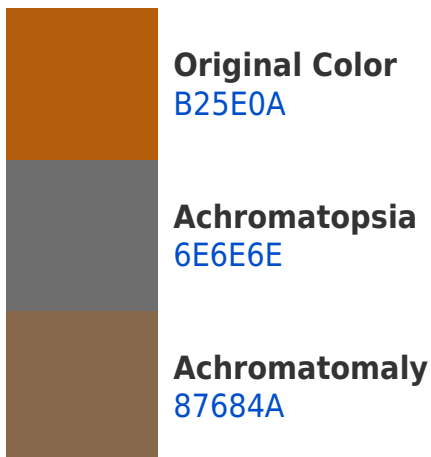


Tritanopia
B5575E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B25E0A 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 #B25E0A looks like.

```
.text, #text, p{  
    color:#B25E0A  
}
```

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 #B25E0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B25E0A
}
```

Border

The CSS property to change the border of an element to Hex B25E0A is called "border". The border property can be set on classes, ids or directly on the HTML element.

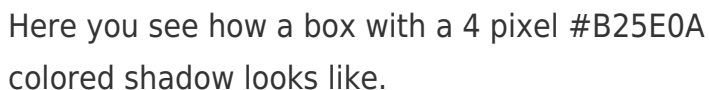
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B25E0A }
```

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

```
.border{ border-color:#B25E0A }
```

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, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #B25E0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B25E0A; -webkit-box-shadow:4px 4px  
4px 4px #B25E0A; box-shadow:4px 4px 4px  
4px #B25E0A }
```

Background

The CSS property to change the background color of an element to Hex B25E0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B25E0A }
```

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

```
.background{ background-color:#B25E0A }
```

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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