

Converting Colors

Hex(B25520)

Have a look what the booklet for
Hex(B25520) contains.

Hex(B25520)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B25520)

Conversions

Conversions Part 1

Format	Color
Hex	B25520
RGB	178, 85, 32
RGB Percent	70%, 33%, 13%
CMY	0.3020, 0.6667, 0.8745
CMYK	0.00, 0.52, 0.82, 0.30
HSL	22°, 70%, 41%
HSV	22°, 82%, 70%
XYZ	21.8693, 16.0663, 3.3150
YIQ	106.7650, 72.4410, 3.2330

Conversions

Conversions Part 2

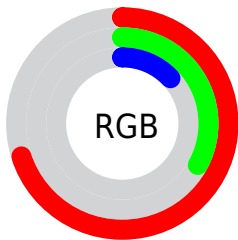
Format	Color
RYB	178, 115, 32
Decimal	11687200
CIELab	47.06, 34.57, 46.28
CIElCh	47, 57.763, 53.239
Yxy	16.0663, 0.5302, 0.3895
Android (android.graphics.Color)	4289877280 (0xFFB25520)
YUV	106.7650, -36.8591, 62.4731
Hunter-Lab	40.0827, 27.2455, 23.1545

Details

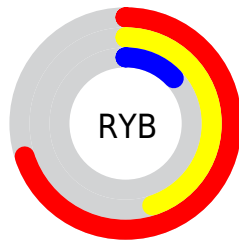
The Hex color **B25520** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **207DB2**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **EF8851**, and **772400** is the 20% darker color. If you saturate the color by 10%, you get **B24A0E**, and if you desaturate by 10%, it is **B26032**.

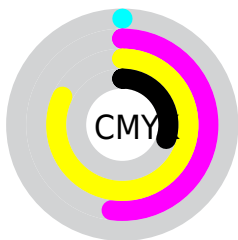
Distribution



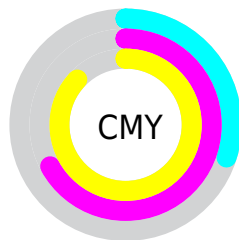
- Red (70%)
- Green (33%)
- Blue (13%)



- Red (70%)
- Yellow (45%)
- Blue (13%)



- Cyan (0%)
- Magenta (52%)
- Yellow (82%)
- Black (30%)



- Cyan (30%)
- Magenta (67%)
- Yellow (87%)
- Black (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color B25520 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 B25520 by changing the saturation by 10% instead.

 B25520

 B25520

FFFFFF

 943C05

 EF8851

 772400

 FFA36A

 5A0800

 FFBF84

 3D0000

 FFDB9E

 240001

 FFF8BA

 000000

 FFFFD6

 FFFFF2

 B25520

 B25520

 B24A0E

 B26032

 B24100

 B26C44

 B27755

 B28267

 B28E79

 B2998B

 B2A49D

 B2B0AE

 B2BBC0

Harmonies

Analogous

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



C4414C



B25520



8F6A00

Triad

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



B25520



008563



5767CA

Complementary

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



B25520



207DB2

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.



0079D1



B25520



008695

Square

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



B25520



168131



0082BD



9F50AA

Rectangle

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



B25520



727400



0082BD



266ECF

Sweetspot

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



B25520



E8C3AE



B2207F



755F52



F5F5F5



757575

Same Dimension

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



B25520



E85705



B29C20



595450



993800



1A0900

Inverse Universe

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



207DB2



0595E8



2036B2



505659



006199



00101A

Previews

White Background



This preview shows how the Hex color B25520 looks on a white background.

Color Contrast Check

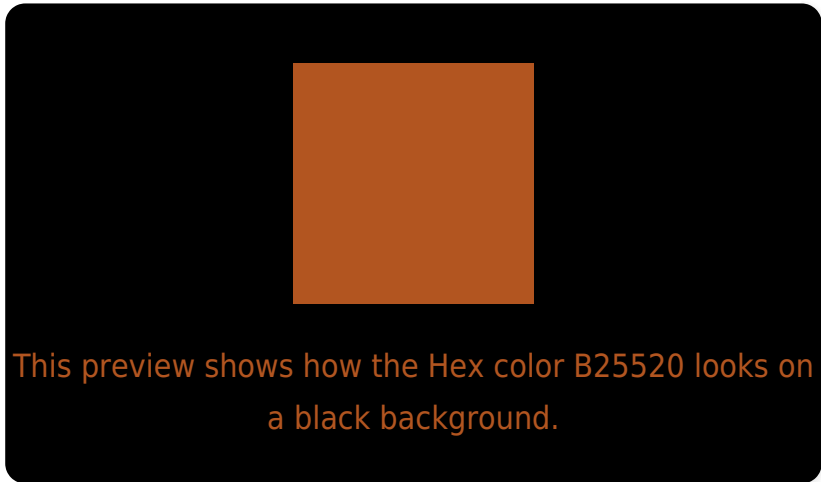
Large Text (above 18pt) WCAG AA ✓ Pass

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 B25520 Background



This preview shows how black text looks on a background with the Hex color B25520.



This preview shows how white text looks on a background with the Hex color B25520.

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

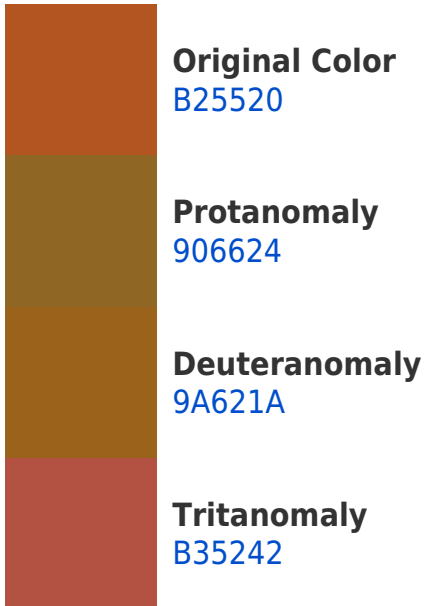


Original Color
B25520

Protanopia
7D7027

Deuteranopia
8D6A17

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B25520 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 #B25520 looks like.

```
.text, #text, p{  
    color:#B25520  
}
```

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 #B25520 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B25520
}
```

Border

The CSS property to change the border of an element to Hex B25520 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
#B25520 }
```

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

```
.border{ border-color:#B25520 }
```

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

Here you see how a box with a 4 pixel #B25520 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B25520; -webkit-box-shadow:4px 4px  
4px 4px #B25520; box-shadow:4px 4px 4px  
4px #B25520 }
```

Background

The CSS property to change the background color of an element to Hex B25520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B25520 }
```

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

```
.background{ background-color:#B25520 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor