

Converting Colors

Hex(B56520)

Have a look what the booklet for
Hex(B56520) contains.

Hex(B56520)	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(B56520)

Conversions

Conversions Part 1

Format	Color
Hex	B56520
RGB	181, 101, 32
RGB Percent	71%, 40%, 13%
CMY	0.2902, 0.6039, 0.8745
CMYK	0.00, 0.44, 0.82, 0.29
HSL	28°, 70%, 42%
HSV	28°, 82%, 71%
XYZ	23.9704, 19.2354, 3.8159
YIQ	117.0540, 69.8290, -4.4990

Conversions

Conversions Part 2

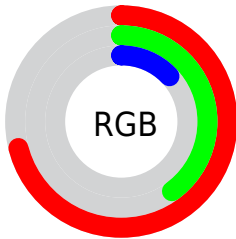
Format	Color
R_{YB}	181, 161, 32
Decimal	11887904
CIE Lab	50.96, 27.27, 50.00
CIE LCh	51, 56.955, 61.390
Yxy	19.2354, 0.5098, 0.4091
Android (android.graphics.Color)	4290077984 (0xFFB56520)
YUV	117.0540, -41.9316, 56.0806
Hunter-Lab	43.8582, 20.8064, 25.5421

Details

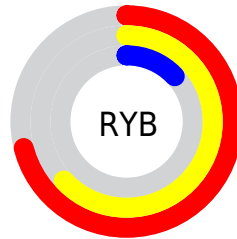
The Hex color **B56520** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2070B5**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **F29952**, and **7A3500** is the 20% darker color. If you saturate the color by 10%, you get **B55B0E**, and if you desaturate by 10%, it is **B56F32**.

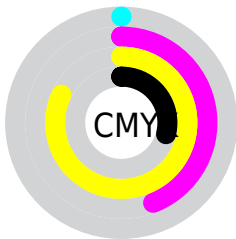
Distribution



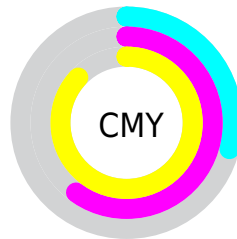
- Red (71%)
- Green (40%)
- Blue (13%)



- Red (71%)
- Yellow (63%)
- Blue (13%)



- Cyan (0%)
- Magenta (44%)
- Yellow (82%)
- Black (29%)



- Cyan (29%)
- Magenta (60%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color B56520 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 B56520 by changing the saturation by 10% instead.

 B56520

 B56520

FFFFFF

 974C02

 F29952

 7A3500

 FFB46C

 5D1E00

 FFCF86

 410600

 FFECA1

 2A0001

 FFFFBD

 000000

 FFFFD9

 FFFFF6

 B56520

 B56520

 B55B0E

 B56F32

 B55400

 B57844

 B58256

 B58C68

 B5967B

 B59F8D

 B5A99F

 B5B3B1

 B5BCC3

Harmonies

Analogous

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



CC514A



B56520



8F7800

Triad

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



B56520



00907A



7B6BCD

Complementary

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



B56520



2070B5

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.



007EDB



B56520



008FAB

Square

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



B56520



008D48



008ACE



B555A9

Rectangle

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



B56520



70810D



008ACE



5D72D4

Sweetspot

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



B56520



EBCBB0



B52072



756252



F5F5F5



757575

Same Dimension

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



B56520



EB6E02



B5AE20



595450



994700



1A0C00

Inverse Universe

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



2070B5



027FEB



2027B5



505559



005299



000E1A

Previews

White Background



This preview shows how the Hex color B56520 looks on a white background.

Color Contrast Check

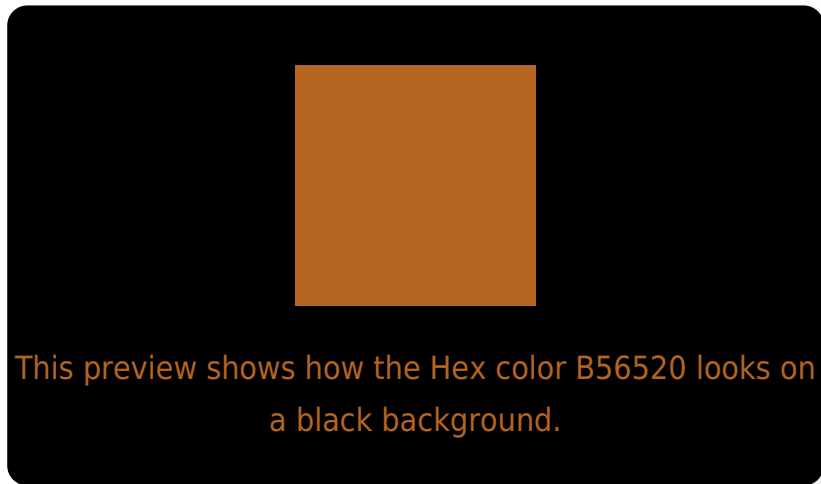
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 B56520 Background



This preview shows how black text looks on a background with the Hex color B56520.



This preview shows how white text looks on a background with the Hex color B56520.

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
B56520

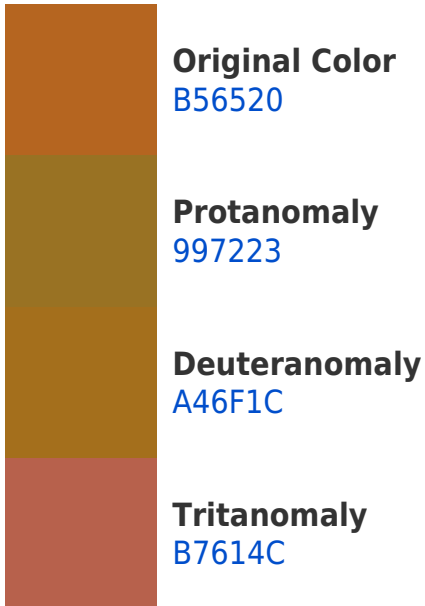
Protanopia
897A25

Deuteranopia
9A7419



Tritanopia
B85E65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B56520 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 #B56520 looks like.

```
.text, #text, p{  
    color:#B56520  
}
```

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 #B56520 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B56520
}
```

Border

The CSS property to change the border of an element to Hex B56520 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
#B56520 }
```

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

```
.border{ border-color:#B56520 }
```

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

Here you see how a box with a 4 pixel #B56520 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B56520; -webkit-box-shadow:4px 4px  
4px 4px #B56520; box-shadow:4px 4px 4px  
4px #B56520 }
```

Background

The CSS property to change the background color of an element to Hex B56520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B56520 }
```

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

```
.background{ background-color:#B56520 }
```

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