

# Converting Colors

Hex(825521)

Have a look what the booklet for  
Hex(825521) contains.

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**Color**

**Hex(825521)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	825521
RGB	130, 85, 33
RGB Percent	51%, 33%, 13%
CMY	0.4902, 0.6667, 0.8706
CMYK	0.00, 0.35, 0.75, 0.49
HSL	32°, 60%, 32%
HSV	32°, 75%, 51%
XYZ	12.7289, 11.3526, 2.9592
YIQ	92.5270, 43.5120, -6.6320

# Conversions

## Conversions Part 2

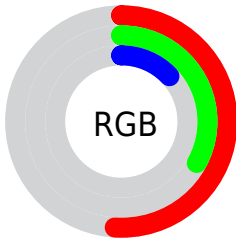
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 130, 33
Decimal	8541473
CIE Lab	40.17, 13.71, 36.71
CIE LCh	40, 39.186, 69.524
Yxy	11.3526, 0.4707, 0.4198
Android (android.graphics.Color)	4286731553 (0xFF825521)
YUV	92.5270, -29.3468, 32.8638
Hunter-Lab	33.6937, 8.4706, 18.3783

# Details

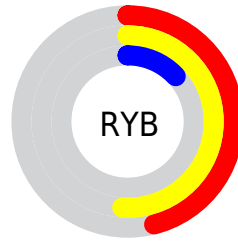
The Hex color **825521** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **214E82**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **BA8750**, and **4D2800** is the 20% darker color. If you saturate the color by 10%, you get **824F14**, and if you desaturate by 10%, it is **825B2E**.

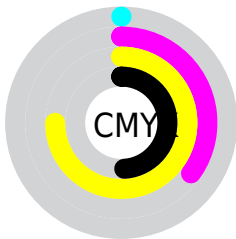
# Distribution



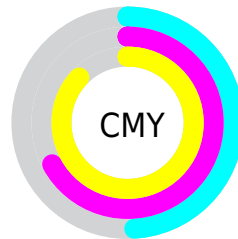
- Red (51%)
- Green (33%)
- Blue (13%)



- Red (46%)
- Yellow (51%)
- Blue (13%)



- Cyan (0%)
- Magenta (35%)
- Yellow (75%)
- Black (49%)



- Cyan (49%)
- Magenta (67%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 825521 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 825521 by changing the saturation by 10% instead.





825521



825521

FFFFFF



673E08



BA8750



4D2800



D7A169



321300



F5BC83



1B0001



FFD89D



000000



FFF4B9



FFFFD4



FFFFF1



825521



825521

■ 824F14

■ 825B2E

■ 824907

■ 82613B

■ 824600

■ 826748

■ 826D55

■ 827362

■ 82796F

■ 827F7C

■ 828589

■ 828B96

# Harmonies

## Analogous

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



944938



825521



67601B

# Triad

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



825521



006E68



6E5290

# Complementary

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



825521



214E82

# 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.



355F9E



825521



006D87

# Square

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



825521



006D47



00689A



8D4676

# Rectangle

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



825521



506623



00689A



5F5697



# Sweetspot

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



825521



A89783



82214E



544A3E



D4D4D4



545454



# Same Dimension

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



825521



A86211



7F8221



403D39



804400



000000



# Inverse Universe

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



214E82



1157A8



242182



393C40



003B80



000000



# Previews

## White Background



This preview shows how the Hex color 825521 looks on a white background.

## Color Contrast Check

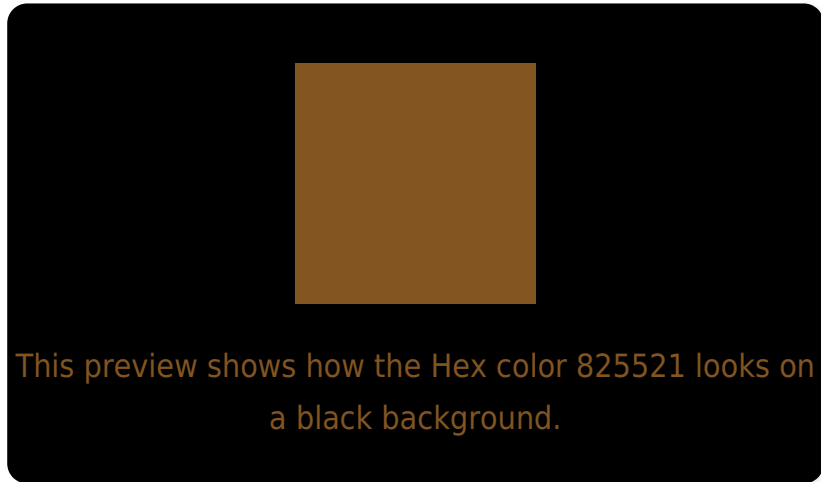
Large Text (above 18pt) WCAG AA ✓ Pass

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

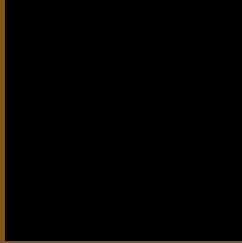
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 825521 Background



This preview shows how black text looks on a background with the Hex color 825521.



This preview shows how white text looks on a background with the Hex color 825521.

# 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**  
825521

**Protanopia**  
6A5F24

**Deuteranopia**  
775A1F



**Tritanopia**  
855056

# Trichromacy



**Original Color**  
825521

**Protanomaly**  
735B23

**Deuteranomaly**  
7B5820

**Tritanomaly**  
845243

# Monochromacy



**Original Color**  
825521

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
6A5A47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 825521 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 #825521 looks like.

```
.text, #text, p{  
    color:#825521  
}
```

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 #825521 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #825521
}
```

## Border

The CSS property to change the border of an element to Hex 825521 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
#825521 }
```

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

```
.border{ border-color:#825521 }
```

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

Here you see how a box with a 4 pixel #825521 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #825521; -webkit-box-shadow:4px 4px  
4px 4px #825521; box-shadow:4px 4px 4px  
4px #825521 }
```

# Background

The CSS property to change the background color of an element to Hex 825521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#825521 }
```

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

```
.background{ background-color:#825521 }
```

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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