

Converting Colors

Hex(645526)

Have a look what the booklet for
Hex(645526) contains.

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Color

Hex(645526)

Conversions

Conversions Part 1

Format	Color
Hex	645526
RGB	100, 85, 38
RGB Percent	39%, 33%, 15%
CMY	0.6078, 0.6667, 0.8510
CMYK	0.00, 0.15, 0.62, 0.61
HSL	45°, 45%, 27%
HSV	45°, 62%, 39%
XYZ	8.8539, 9.3463, 3.1711
YIQ	84.1270, 24.0270, -11.4370

Conversions

Conversions Part 2

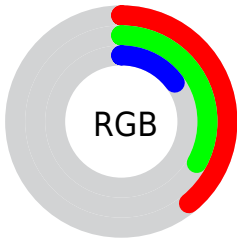
Format	Color
R_{YB}	58, 100, 38
Decimal	6575398
CIE _{Lab}	36.64, -0.25, 29.23
CIE _{LCh}	37, 29.231, 90.492
Yxy	9.3463, 0.4143, 0.4373
Android (android.graphics.Color)	4284765478 (0xFF645526)
YUV	84.1270, -22.7406, 13.9206
Hunter-Lab	30.5717, -1.8049, 15.2502

Details

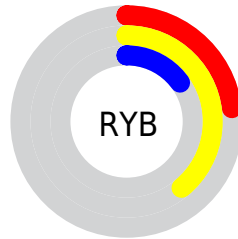
The Hex color **645526** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **263564**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **998655**, and **342800** is the 20% darker color. If you saturate the color by 10%, you get **64531C**, and if you desaturate by 10%, it is **645730**.

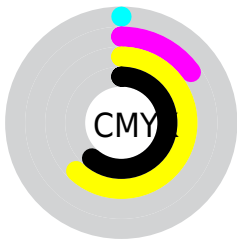
Distribution



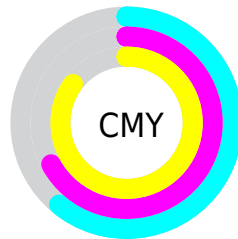
- Red (39%)
- Green (33%)
- Blue (15%)



- Red (23%)
- Yellow (39%)
- Blue (15%)



- Cyan (0%)
- Magenta (15%)
- Yellow (62%)
- Black (61%)



- Cyan (61%)
- Magenta (67%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 645526 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 645526 by changing the saturation by 10% instead.

 645526

 645526

FFFFFF

 4B3E10

 998655

 342800

 B4A16D

 1B1400

 D0BB87

 000000

 EDD7A2

 FFF4BD

 FFFFD9

 FFFFF5

 645526

 645526

■ 64531C

■ 645730

■ 645012

■ 645A3A

■ 644E08

■ 645C44

■ 644C00

■ 645F4E

■ 646158

■ 646462

■ 64666C

■ 646876

■ 646B80

Harmonies

Analogous

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



774D2E



645526



4C5C2C

Triad

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



645526



00626D



74476E

Complementary

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



645526



263564

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.



58507F



645526



005F7F

Square

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



645526



006256



2F5885



814357

Rectangle

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



645526



395F37



2F5885



6C4A74

Sweetspot

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



645526



827C69



642636



423F33



C2C2C2



424242

Same Dimension

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



645526



826B22



556426



33322E



735700



F2B800

Inverse Universe

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



263564



223982



362664



2E2F33



001C73



003BF2

Previews

White Background



This preview shows how the Hex color 645526 looks on a white background.

Color Contrast Check

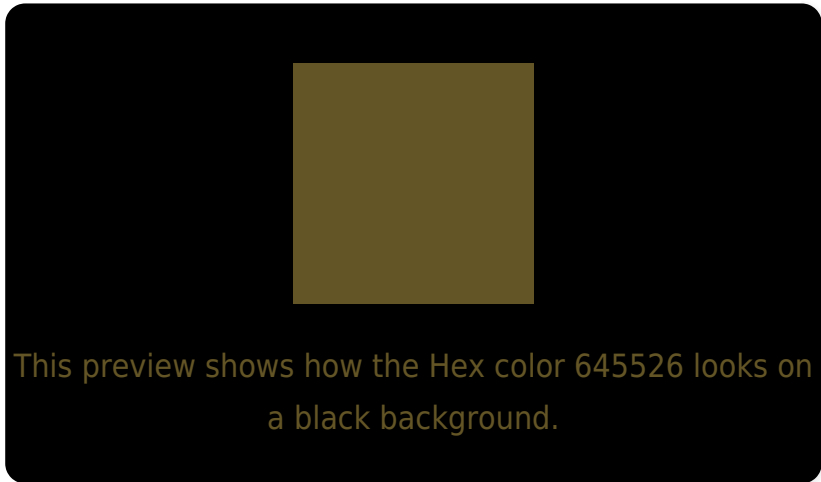
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

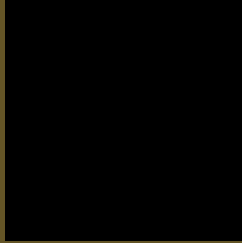
Any Text WCAG AA × Fail

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 645526 Background



This preview shows how black text looks on a background with the Hex color 645526.



This preview shows how white text looks on a background with the Hex color 645526.

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
645526

Protanopia
605626

Deuteranopia
6B5227



Tritanopia
685056

Trichromacy



Original Color
645526

Protanomaly
615626

Deuteranomaly
685327

Tritanomaly
675245

Monochromacy



Original Color
645526

Achromatopsia
545454

Achromatomaly
5A5443

CSS Examples

Text

The CSS property to change the color of the text to Hex 645526 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 #645526 looks like.

```
.text, #text, p{  
    color:#645526  
}
```

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 #645526 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645526
}
```

Border

The CSS property to change the border of an element to Hex 645526 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".

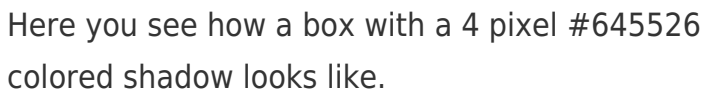
```
.border, #border, table{ border:4px solid
#645526 }
```

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

```
.border{ border-color:#645526 }
```

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

Here you see how a box with a 4 pixel #645526 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645526; -webkit-box-shadow:4px 4px  
4px 4px #645526; box-shadow:4px 4px 4px  
4px #645526 }
```

Background

The CSS property to change the background color of an element to Hex 645526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645526 }
```

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

```
.background{ background-color:#645526 }
```

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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