

# Converting Colors

Hex(6D3520)

Have a look what the booklet for  
Hex(6D3520) contains.

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**Color**

**Hex(6D3520)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D3520
RGB	109, 53, 32
RGB Percent	43%, 21%, 13%
CMY	0.5725, 0.7922, 0.8745
CMYK	0.00, 0.51, 0.71, 0.57
HSL	16°, 55%, 28%
HSV	16°, 71%, 43%
XYZ	7.8405, 5.9017, 2.0924
YIQ	67.3500, 40.1170, 5.3410

# Conversions

## Conversions Part 2

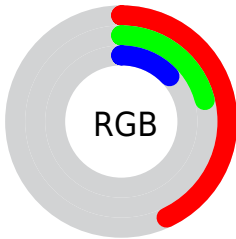
Format	Color
<a href="#">RYB</a>	<a href="#">109, 61, 32</a>
Decimal	<a href="#">7157024</a>
CIELab	<a href="#">29.16, 22.99, 24.30</a>
CIELCh	<a href="#">29, 33.448, 46.586</a>
Yxy	<a href="#">5.9017, 0.4951, 0.3727</a>
Android (android.graphics.Color)	<a href="#">4285347104 (0xFF6D3520)</a>
YUV	<a href="#">67.3500, -17.4275, 36.5271</a>
Hunter-Lab	<a href="#">24.2934, 15.0958, 11.8987</a>

# Details

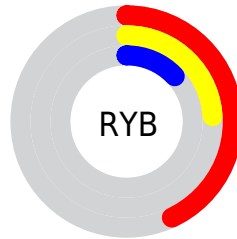
The Hex color **6D3520** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **20586D**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **A4654D**, and **390800** is the 20% darker color. If you saturate the color by 10%, you get **6D2D15**, and if you desaturate by 10%, it is **6D3D2B**.

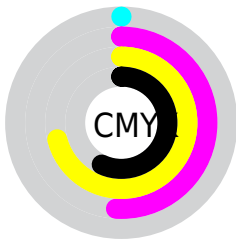
# Distribution



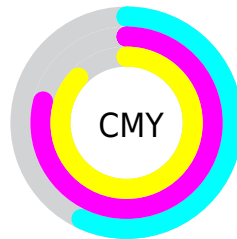
- Red (43%)
- Green (21%)
- Blue (13%)



- Red (43%)
- Yellow (24%)
- Blue (13%)



- Cyan (0%)
- Magenta (51%)
- Yellow (71%)
- Black (57%)



- Cyan (57%)
- Magenta (79%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D3520 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 6D3520 by changing the saturation by 10% instead.



 6D3520

 6D3520

FFFFFF

 521E0A

 A4654D

 390800

 C17E65

 210001

 DE987E

 000000

 FBB398

 FFCFB3

 FFEBCF

 FFFFEB

 6D3520

 6D3520

■ 6D2D15

■ 6D3D2B

■ 6D250A

■ 6D4536

■ 6D1E00

■ 6D4D41

■ 6D554C

■ 6D5D56

■ 6D6561

■ 6D6C6C

■ 6D7477

■ 6D7C82

# Harmonies

## Analogous

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



742D37



6D3520



5C3F0F

# Triad

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



6D3520



005138



304376

# Complementary

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



6D3520



20586D

# 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.



004B77



6D3520



005153

# Square

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



6D3520



274E1F



00506A



583869

# Rectangle

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



6D3520



4D450C



00506A



184678



# Sweetspot

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



6D3520



8F7971



6D2058



473A36



C7C7C7



474747



# Same Dimension

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



6D3520



8F3715



6D5B20



363230



752000



F54300



# Inverse Universe

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



20586D



156E8F



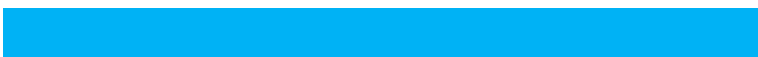
20326D



303436



005575



00B2F5



# Previews

## White Background



This preview shows how the Hex color 6D3520 looks on a white background.

## Color Contrast Check

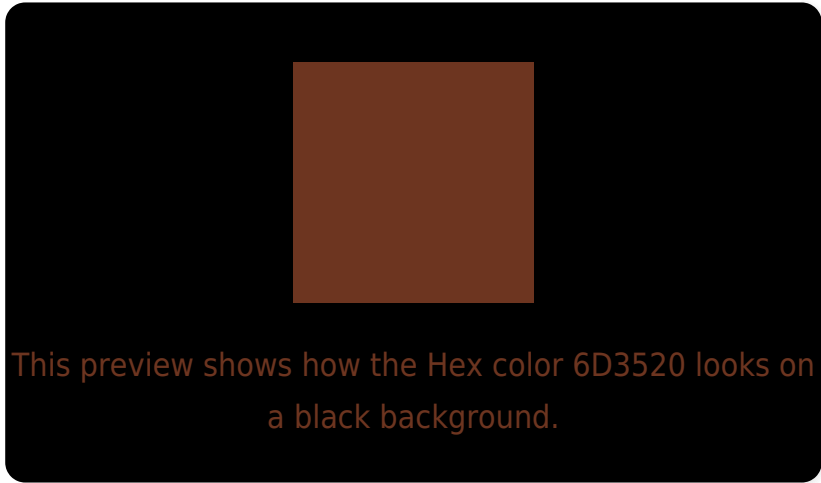
Large Text (above 18pt) WCAG AA ✓ Pass

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 6D3520 Background



This preview shows how black text looks on a background with the Hex color 6D3520.

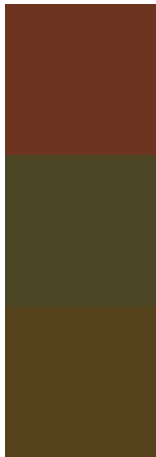


This preview shows how white text looks on a background with the Hex color 6D3520.

# 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**  
6D3520

**Protanopia**  
4D4625

**Deuteranopia**  
56421D



**Tritanopia**  
6E3236

# Trichromacy



**Original Color**  
6D3520

**Protanomaly**  
594023

**Deuteranomaly**  
5E3D1E

**Tritanomaly**  
6E332E

# Monochromacy



**Original Color**  
6D3520

**Achromatopsia**  
434343

**Achromatomaly**  
523E36

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D3520 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 #6D3520 looks like.

```
.text, #text, p{  
    color:#6D3520  
}
```

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 #6D3520 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D3520
}
```

## Border

The CSS property to change the border of an element to Hex 6D3520 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
#6D3520 }
```

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

```
.border{ border-color:#6D3520 }
```

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

Here you see how a box with a 4 pixel #6D3520 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D3520; -webkit-box-shadow:4px 4px  
4px 4px #6D3520; box-shadow:4px 4px 4px  
4px #6D3520 }
```

# Background

The CSS property to change the background color of an element to Hex 6D3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D3520 }
```

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

```
.background{ background-color:#6D3520 }
```

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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