

Converting Colors

Hex(3E5200)

Have a look what the booklet for
Hex(3E5200) contains.

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Color

Hex(3E5200)

Conversions

Conversions Part 1

Format	Color
Hex	3E5200
RGB	62, 82, 0
RGB Percent	24%, 32%, 0%
CMY	0.7569, 0.6784, 1.0000
CMYK	0.24, 0.00, 1.00, 0.68
HSL	75°, 100%, 16%
HSV	75°, 100%, 32%
XYZ	5.0039, 7.0587, 1.0987
YIQ	66.6720, 14.4020, -29.7420

Conversions

Conversions Part 2

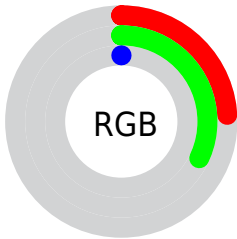
Format	Color
RYB	0, 82, 20
Decimal	4084224
CIELab	31.94, -19.24, 39.44
CIElCh	32, 43.881, 116.010
Yxy	7.0587, 0.3802, 0.5363
Android (android.graphics.Color)	4282274304 (0xFF3E5200)
YUV	66.6720, -32.8693, -4.0973
Hunter-Lab	26.5683, -12.8755, 16.1458

Details

The Hex color **3E5200** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **140052**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **718335**, and **0D2500** is the 20% darker color. If you saturate the color by 10%, you get **3E5200**, and if you desaturate by 10%, it is **405208**.

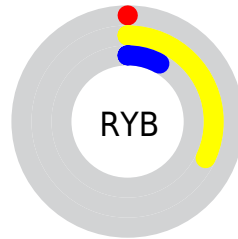
Distribution



Red (24%)

Green (32%)

Blue (0%)



Red (0%)

Yellow (32%)

Blue (8%)

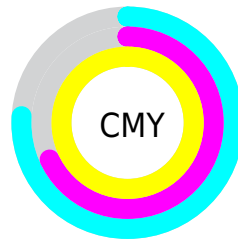


Cyan (24%)

Magenta (0%)

Yellow (100%)

Black (68%)



Cyan (76%)

Magenta (68%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E5200 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 3E5200 by changing the saturation by 10% instead.

 3E5200

 3E5200

 FFFFEF

 273B00

 718335

 0D2500

 8B9E4D

 000D00

 A6B866

 000000

 C2D480

 DEF09B

 FBFFB6

 FFFFD2

 3E5200

■ 405208

■ 425210

■ 445219

■ 465221

■ 485229

■ 4A5231

■ 4C5239

■ 4E5242

■ 50524A

Harmonies

Analogous

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



5F4800



3E5200



005822

Triad

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



3E5200



005884



852751

Complementary

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



3E5200



140052

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.



703372



3E5200



005190

Square

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



3E5200



005B68



40448A



872B2F

Rectangle

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



3E5200



005A39



40448A



812A5D

Sweetspot

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



3E5200



636B4B



521300



313622



B5B5B5



363636

Same Dimension

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



3E5200



516B00



165200



282925



4F6900



AFE800

Inverse Universe

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



140052



1A006B



3C0052



262529



1A0069



3900E8

Previews

White Background



This preview shows how the Hex color 3E5200 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

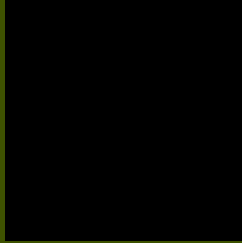
Any Text WCAG AA × Fail

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 3E5200 Background



This preview shows how black text looks on a background with the Hex color 3E5200.



This preview shows how white text looks on a background with the Hex color 3E5200.

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
3E5200

Protanopia
554B00

Deuteranopia
5F470F



Tritanopia
454C52

Trichromacy



Original Color
3E5200

Protanomaly
4D4E00

Deuteranomaly
534B0A

Tritanomaly
424E34

Monochromacy



Original Color
3E5200

Achromatopsia
434343

Achromatomaly
41482B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E5200 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 #3E5200 looks like.

```
.text, #text, p{  
    color:#3E5200  
}
```

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 #3E5200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E5200
}
```

Border

The CSS property to change the border of an element to Hex 3E5200 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
#3E5200 }
```

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

```
.border{ border-color:#3E5200 }
```

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

Here you see how a box with a 4 pixel #3E5200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E5200; -webkit-box-shadow:4px 4px  
4px 4px #3E5200; box-shadow:4px 4px 4px  
4px #3E5200 }
```

Background

The CSS property to change the background color of an element to Hex 3E5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E5200 }
```

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

```
.background{ background-color:#3E5200 }
```

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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