

Converting Colors

Hex(37550B)

Have a look what the booklet for
Hex(37550B) contains.

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Color

Hex(37550B)

Conversions

Conversions Part 1

Format	Color
Hex	37550B
RGB	55, 85, 11
RGB Percent	22%, 33%, 4%
CMY	0.7843, 0.6667, 0.9569
CMYK	0.35, 0.00, 0.87, 0.67
HSL	84°, 77%, 19%
HSV	84°, 87%, 33%
XYZ	4.8845, 7.3334, 1.4747
YIQ	67.5940, 5.8740, -29.3740

Conversions

Conversions Part 2

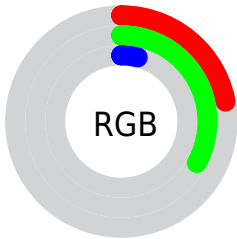
Format	Color
R_{YB}	11, 85, 41
Decimal	3626251
CIE _{Lab}	32.55, -23.39, 36.04
CIE _{LCh}	33, 42.967, 122.985
Yxy	7.3334, 0.3567, 0.5356
Android (android.graphics.Color)	4281816331 (0xFF37550B)
YUV	67.5940, -27.9008, -11.0449
Hunter-Lab	27.0802, -15.1944, 15.7275

Details

The Hex color **37550B** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **290B55**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **69873D**, and **052700** is the 20% darker color. If you saturate the color by 10%, you get **345503**, and if you desaturate by 10%, it is **3A5514**.

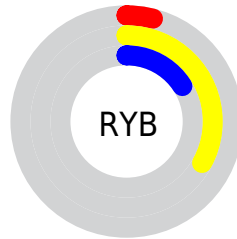
Distribution



Red (22%)

Green (33%)

Blue (4%)



Red (4%)

Yellow (33%)

Blue (16%)

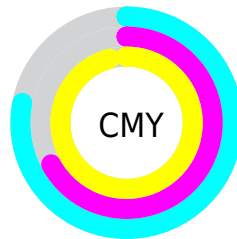


Cyan (35%)

Magenta (0%)

Yellow (87%)

Black (67%)



Cyan (78%)

Magenta (67%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37550B 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 37550B by changing the saturation by 10% instead.

 37550B

 37550B

 FFFFF7

 203E00

 69873D

 052700

 83A155

 001000

 9EBC6E

 000000

 BAD888

 D6F5A3

 F2FFBE

 FFFFDB

 37550B

 37550B

■ 345503

■ 3A5514

■ 335500

■ 3E551C

■ 415525

■ 45552D

■ 485535

■ 4C553E

■ 4F5547

■ 53554F

■ 565557

Harmonies

Analogous

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



5A4C00



37550B



005A2C

Triad

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



37550B



005889



88294B

Complementary

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



3750B



290B55

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.



78326C



37550B



005091

Square

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



37550B



005C71



504286



85302A

Rectangle

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



37550B



005C43



504286



852B56

Sweetspot

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



37550B



626E51



55290B



313827



B8B8B8



383838

Same Dimension

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



37550B



416E00



12550B



2A2B27



406B00



8BEB00

Inverse Universe

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



290B55



2C006E



4E0B55



29272B



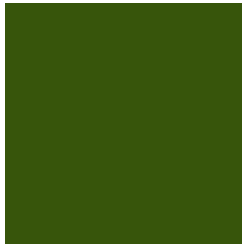
2B006B



5F00EB

Previews

White Background



This preview shows how the Hex color 37550B 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

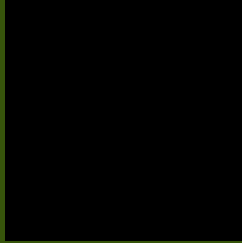
Any Text WCAG AA × Fail

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 37550B Background



This preview shows how black text looks on a background with the Hex color 37550B.



This preview shows how white text looks on a background with the Hex color 37550B.

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
37550B

Protanopia
564D08

Deuteranopia
604913



Tritanopia
404F55

Trichromacy



Original Color
37550B

Protanomaly
4B5009

Deuteranomaly
514D10

Tritanomaly
3D513A

Monochromacy



Original Color
37550B

Achromatopsia
444444

Achromatomaly
3F4A2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 37550B 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 #37550B looks like.

```
.text, #text, p{  
    color:#37550B  
}
```

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 #37550B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37550B
}
```

Border

The CSS property to change the border of an element to Hex 37550B is called "border". The border property can be set on classes, ids or directly on the HTML element.

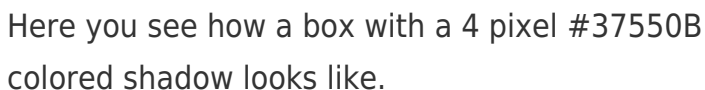
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#37550B }
```

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

```
.border{ border-color:#37550B }
```

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



Here you see how a box with a 4 pixel `#37550B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37550B; -webkit-box-shadow:4px 4px  
4px 4px #37550B; box-shadow:4px 4px 4px  
4px #37550B }
```

Background

The CSS property to change the background color of an element to Hex 37550B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37550B }
```

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

```
.background{ background-color:#37550B }
```

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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