

Converting Colors

HunterLab(30.7602, 33.0526,
11.1482)

Have a look what the booklet for
HunterLab(30.7602, 33.0526,
11.1482) contains.

HunterLab(30.7706, 33.2776, 11.0365)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(30.7706, 33.2776,
11.0365)**

Conversions

Conversions Part 1

Format	Color
Hex	98343D
RGB	152, 52, 61
RGB Percent	60%, 20%, 24%
CMY	0.4039, 0.7961, 0.7608
CMYK	0.00, 0.66, 0.60, 0.40
HSL	355°, 49%, 40%
HSV	355°, 66%, 60%
XYZ	15.0192, 9.4683, 5.4509
YIQ	82.9260, 56.7110, 23.9990

Conversions

Conversions Part 2

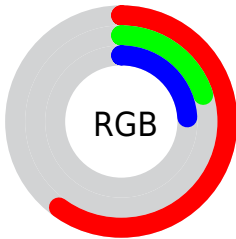
Format	Color
RYB	152, 52, 61
Decimal	9974845
CIELab	36.87, 42.42, 17.45
CIElCh	37, 45.870, 22.355
Yxy	9.4688, 0.5017, 0.3163
Android (android.graphics.Color)	4288164925 (0xFF98343D)
YUV	82.9260, -10.8095, 60.5779
Hunter-Lab	30.7706, 33.2776, 11.0365

Details

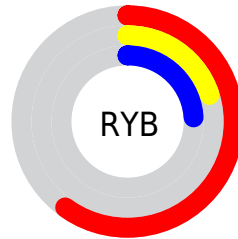
The HunterLab color **30.7706, 33.2776, 11.0365** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **50.1696, -25.1666, -0.2395**, and the grayscale version is **29.4086, -1.5692, 1.5978**.

A 20% lighter version of the original color is **49.8319, 36.4499, 14.4642**, and **15.7477, 27.2670, 7.8615** is the 20% darker color. If you saturate the color by 10%, you get **28.6235, 37.9683, 12.6950**, and if you desaturate by 10%, it is **33.4962, 27.8843, 9.3987**.

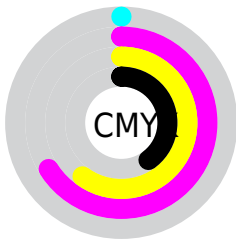
Distribution



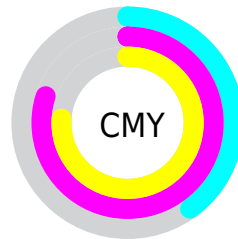
- Red (60%)
- Green (20%)
- Blue (24%)



- Red (60%)
- Yellow (20%)
- Blue (24%)



- Cyan (0%)
- Magenta (66%)
- Yellow (60%)
- Black (40%)



- Cyan (40%)
- Magenta (80%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.7706, 33.2776, 11.0365 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 HunterLab color 30.7706, 33.2776, 11.0365 by changing the saturation by 10% instead.

30.7706, 33.2776,
11.0365

30.7706, 33.2776,
11.0365

136.6886, 44.0024,
24.8931

22.4683, 31.5412,
9.2602

49.7911, 36.3990,
14.3273

15.0850, 29.7524,
7.3603

60.3841, 37.7818,
15.8939

8.7221, 28.3654,
6.1054

71.6371, 39.0533,
17.4288

0.0000, INF, NaN

0.0000, NaN, NaN

83.5136, 40.2214,
18.9419

0.0000, NaN, NaN

95.9822, 41.2938,
20.4402

0.0000, NaN, NaN

109.0162, 42.2773,

0.0000, NaN, NaN

21.9290

0.0000, NaN, NaN

122.5919, 43.1783,
23.4123

■ 30.7706, 33.2776,
11.0365

■ 30.7706, 33.2776,
11.0365

■ 28.6235, 37.9683,
12.6950

■ 33.4962, 27.8843,
9.3987

■ 27.1034, 41.5280,
14.2264

■ 36.7247, 22.1803,
7.8779

■ 26.1977, 43.6861,
15.4619

■ 40.3812, 16.4267,
6.5228

■ 25.8963, 44.4672,
15.8109

■ 44.3972, 10.7728,
5.3451

■ 48.7149, 5.2874,
4.3364

■ 53.2876, -0.0097,
3.4791

■ 58.0780, -5.1242,
2.7533

■ 63.0563, -10.0735,
2.1398

■ 68.1989, -14.8792,
1.6215

Harmonies

Analogous

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



30.7715, 36.2473, -2.5873



30.7706, 33.2776, 11.0365



30.7715, 20.0740, 17.2155

Triad

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



30.7715, 33.2750, 11.0371



30.7715, -22.8378, 14.9382



30.7715, -5.7259, -45.3329

Complementary

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



30.7706, 33.2776, 11.0365



50.1696, -25.1666, -0.2395

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.



30.7715, -18.6273, -32.7869



30.7706, 33.2776, 11.0365



30.7715, -27.0689, 5.4032

Square

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



30.7715, 33.2750, 11.0371



30.7715, -12.7391, 18.5044



30.7715, -25.7078, -12.0530



30.7715, 11.2878, -40.9678

Rectangle

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



30.7706, 33.2776, 11.0365



30.7715, 8.5066, 18.7391



30.7715, -25.7078, -12.0530



30.7715, -10.6278, -42.7955

Sweetspot

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



30.7715, 33.2750, 11.0371



62.0349, 10.3493, 6.3516



32.3641, 42.9215, -33.7257



28.8716, 5.8351, 3.1956



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



30.7715, 33.2750, 11.0371



36.9628, 52.9116, 17.8673



38.1815, 14.5106, 18.7352



24.9625, 0.8664, 1.8153



23.7176, 40.7356, 14.4082



2.9358, 5.1133, 1.2335

Inverse Universe

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



30.7715, 33.2750, 11.0371



36.9628, 52.9116, 17.8673



38.1917, -6.6446, -22.6987



24.9625, 0.8664, 1.8153



23.7176, 40.7356, 14.4082



2.9358, 5.1133, 1.2335

Previews

White Background



This preview shows how the HunterLab color 30.7706, 33.2776, 11.0365 looks on a white background.

Color Contrast Check

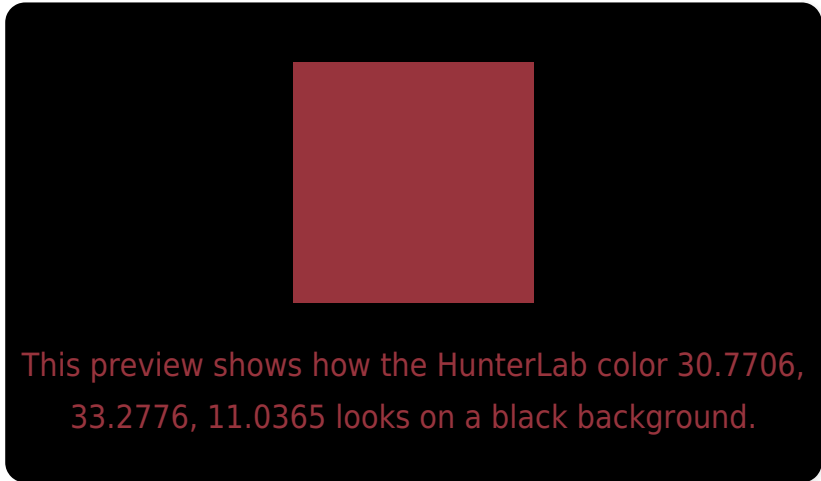
Large Text (above 18pt) WCAG AA ✓ Pass

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

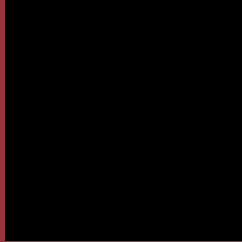
Any Text WCAG AA × Fail

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](#).

HunterLab 30.7706, 33.2776, 11.0365 Background



This preview shows how black text looks on a background with the HunterLab color 30.7706, 33.2776, 11.0365.



This preview shows how white text looks on a background with the HunterLab color 30.7706, 33.2776,

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

30.7706, 33.2776, 11.0365

Protanopia

31.0283, -1.5956, 5.6752

Deuteranopia

31.1293, 1.8788, 12.0887



Tritanopia

30.8336, 32.5065, 12.3743

Trichromacy



Original Color

30.7706, 33.2776, 11.0365

Protanomaly

29.8829, 10.5772, 6.7714

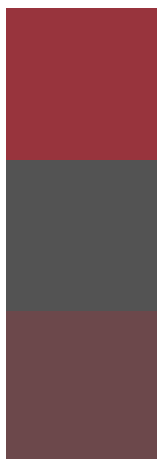
Deuteranomaly

30.2509, 13.4401, 11.0301

Tritanomaly

30.8660, 32.6479, 11.9018

Monochromacy



Original Color

30.7706, 33.2776, 11.0365

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

28.8633, 9.9208, 4.2853

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.7706, 33.2776, 11.0365 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 `rgb(152, 52, 61)` looks like.

```
.text, #text, p{  
    color:rgb(152, 52, 61)  
}
```

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 rgb(152, 52, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 52, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 30.7706, 33.2776, 11.0365 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 rgb(152, 52, 61) }
```


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

```
.border{ border-color:rgb(152, 52, 61) }
```

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

Here you see how a box with a 4 pixel rgb(152, 52, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 52, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 52, 61);  
box-shadow:4px 4px 4px 4px rgb(152, 52,  
61) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.7706, 33.2776, 11.0365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 52, 61) }
```

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

```
.background{ background-color: rgb(152, 52,  
61) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor