

Converting Colors

HunterLab(30.6054, 31.8241,
16.8220)

Have a look what the booklet for
HunterLab(30.6054, 31.8241,
16.8220) contains.

HunterLab(30.5493, 31.9963, 16.7324)	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(30.5493, 31.9963,
16.7324)**

Conversions

Conversions Part 1

Format	Color
Hex	993420
RGB	153, 52, 32
RGB Percent	60%, 20%, 13%
CMY	0.4000, 0.7961, 0.8745
CMYK	0.00, 0.66, 0.79, 0.40
HSL	10°, 65%, 36%
HSV	10°, 79%, 60%
XYZ	14.6256, 9.3326, 2.3970
YIQ	79.9190, 66.6160, 15.1920

Conversions

Conversions Part 2

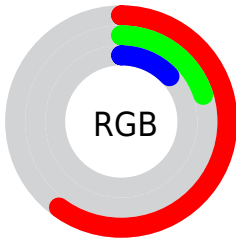
Format	Color
R_{YB}	153, 56, 32
Decimal	10040352
CIE _{Lab}	36.62, 41.13, 34.67
CIE _{LCh}	37, 53.794, 40.123
Yxy	9.3331, 0.5549, 0.3541
Android (android.graphics.Color)	4288230432 (0xFF993420)
YUV	79.9190, -23.6241, 64.0920
Hunter-Lab	30.5493, 31.9963, 16.7324

Details

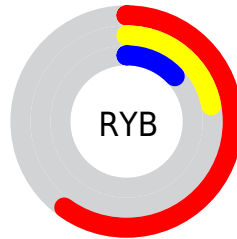
The HunterLab color **30.5493, 31.9963, 16.7324** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **44.0230, -17.3063, -13.7643**, and the grayscale version is **28.3607, -1.5133, 1.5409**.

A 20% lighter version of the original color is **49.5952, 34.7371, 22.5518**, and **15.5977, 26.7116, 10.0789** is the 20% darker color. If you saturate the color by 10%, you get **28.7722, 36.3105, 17.2973**, and if you desaturate by 10%, it is **32.7643, 27.2891, 15.7426**.

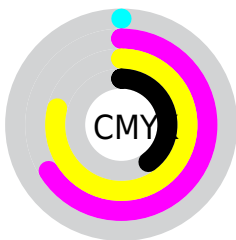
Distribution



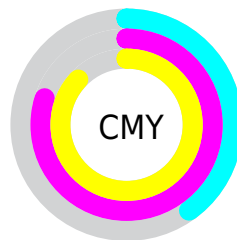
- Red (60%)
- Green (20%)
- Blue (13%)



- Red (60%)
- Yellow (22%)
- Blue (13%)



- Cyan (0%)
- Magenta (66%)
- Yellow (79%)
- Black (40%)



- Cyan (40%)
- Magenta (80%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.5493, 31.9963, 16.7324 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 30.5493, 31.9963, 16.7324 by changing the saturation by 10% instead.

30.5493, 31.9963,
16.7324

30.5493, 31.9963,
16.7324

136.3246, 42.3237,
39.6414

22.2691, 30.2984,
13.4986

49.5312, 35.0292,
22.5811

14.9107, 28.5373,
10.4375

60.1069, 36.3663,
25.2666

8.5595, 27.2631,
5.9916

71.3437, 37.5923,
27.8386

0.0000, INF, NaN

0.0000, NaN, NaN

83.2047, 38.7154,
30.3203

0.0000, NaN, NaN

95.6587, 39.7434,
32.7292

0.0000, NaN, NaN

0.0000, NaN, NaN

108.6786, 40.6833,

35.0791

0.0000, NaN, NaN

122.2409, 41.5416,
37.3803

30.5493, 31.9963,
16.7324

30.5493, 31.9963,
16.7324

28.7722, 36.3105,
17.2973

32.7643, 27.2891,
15.7426

27.4499, 39.9079,
17.5262

35.3714, 22.4525,
14.4039

27.3501, 40.1847,
17.5565

38.3235, 17.6642,
12.8019

41.5741, 13.0320,
11.0106

45.0818, 8.6083,
9.0870

■ 48.8111, 4.4088,
7.0721

■ 52.7321, 0.4283,
4.9937

■ 56.8205, -3.3495,
2.8706

■ 61.0560, -6.9453,
0.7147

Harmonies

Analogous

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



30.5502, 43.8118, 7.2089



30.5493, 31.9963, 16.7324



30.5502, 11.9462, 19.6829

Triad

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



30.5502, 31.9935, 16.7329



30.5502, -29.1540, 11.3482



30.5502, 5.1244, -56.9577

Complementary

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



30.5493, 31.9963, 16.7324



44.0230, -17.3063, -13.7643

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.



30.5502, -13.1872, -53.1485



30.5493, 31.9963, 16.7324



30.5502, -30.1207, -5.1683

Square

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



30.5502, 31.9935, 16.7329



30.5502, -21.9510, 18.1646



30.5502, -25.0274, -30.6857



30.5502, 25.9531, -39.1664

Rectangle

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



30.5493, 31.9963, 16.7324



30.5502, -1.7108, 20.1177



30.5502, -25.0274, -30.6857



30.5502, -1.5526, -58.3353

Sweetspot

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



30.5502, 31.9935, 16.7329



62.5971, 8.8917, 10.9301



30.9037, 49.9788, -23.9522



28.6559, 5.0515, 5.5476



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.



30.5502, 31.9935, 16.7329



37.0797, 52.4773, 23.3104



42.6253, 5.1546, 24.4550



25.2578, 0.2316, 2.4087



24.9350, 36.3082, 16.0004



3.5978, 2.8923, 2.2676

Inverse Universe

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



44.0230, -17.3063, -13.7643



56.6235, -22.2947, -22.0128



27.4799, 9.1866, -47.9287



26.1775, -2.8682, 0.3867



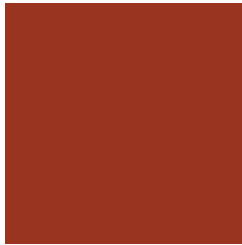
38.2591, -15.0703, -15.2881



5.0953, -2.3782, -1.2349

Previews

White Background



This preview shows how the HunterLab color 30.5493, 31.9963, 16.7324 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



This preview shows how the HunterLab color 30.5493, 31.9963, 16.7324 looks on a 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 30.5493, 31.9963, 16.7324 Background



This preview shows how black text looks on a background with the HunterLab color 30.5493, 31.9963, 16.7324.



This preview shows how white text looks on a background with the HunterLab color 30.5493, 31.9963,

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

30.5493, 31.9963, 16.7324

Protanopia

30.7739, -3.6814, 14.6780

Deuteranopia

30.8280, 1.4329, 17.3592



Tritanopia

30.6581, 34.1885, 13.2070

Trichromacy



Original Color

30.5493, 31.9963, 16.7324

Protanomaly

29.6975, 8.9454, 14.7951

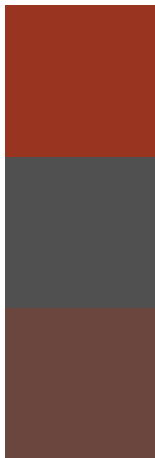
Deuteranomaly

30.1228, 12.3061, 16.7360

Tritanomaly

30.7036, 33.3797, 14.7098

Monochromacy



Original Color

30.5493, 31.9963, 16.7324

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.0446, 9.1653, 7.4994

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.5493, 31.9963, 16.7324 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(153, 52, 32)` looks like.

```
.text, #text, p{  
    color:rgb(153, 52, 32)  
}
```

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(153, 52, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 52, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 30.5493, 31.9963, 16.7324 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(153, 52, 32) }
```


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

```
.border{ border-color:rgb(153, 52, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 52, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 52, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 52, 32);  
box-shadow:4px 4px 4px 4px rgb(153, 52,  
32) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.5493, 31.9963, 16.7324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 52, 32) }
```

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

```
.background{ background-color: rgb(153, 52,  
32) }
```

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