

Converting Colors

HunterLab(34.7918, 35.7663,
21.0579)

Have a look what the booklet for
HunterLab(34.7918, 35.7663,
21.0579) contains.

HunterLab(34.7074, 35.6330, 21.0328)	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(34.7074, 35.6330,
21.0328)**

Conversions

Conversions Part 1

Format	Color
Hex	AC3C12
RGB	172, 60, 18
RGB Percent	67%, 24%, 7%
CMY	0.3255, 0.7647, 0.9294
CMYK	0.00, 0.65, 0.90, 0.33
HSL	16°, 81%, 37%
HSV	16°, 90%, 67%
XYZ	18.7383, 12.0460, 1.9097
YIQ	88.7000, 80.2340, 10.6820

Conversions

Conversions Part 2

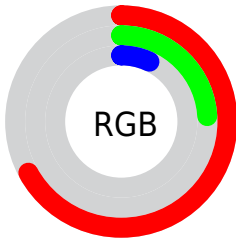
Format	Color
RYB	172, 76, 18
Decimal	11287570
CIELab	41.29, 44.07, 46.81
CIELCh	41, 64.288, 46.730
Yxy	12.0467, 0.5731, 0.3685
Android (android.graphics.Color)	4289477650 (0xFFAC3C12)
YUV	88.7000, -34.8551, 73.0541
Hunter-Lab	34.7074, 35.6330, 21.0328

Details

The HunterLab color **34.7074, 35.6330, 21.0328** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **43.6699, -12.3406, -26.2965**, and the grayscale version is **31.6009, -1.6861, 1.7169**.

A 20% lighter version of the original color is **54.3010, 38.8916, 28.3428**, and **18.5600, 31.7846, 11.9930** is the 20% darker color. If you saturate the color by 10%, you get **32.9325, 40.2245, 20.9556**, and if you desaturate by 10%, it is **36.8711, 30.7032, 20.6752**.

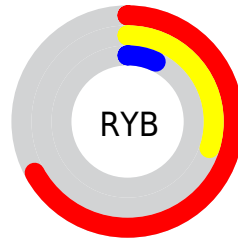
Distribution



Red (67%)

Green (24%)

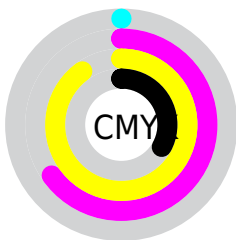
Blue (7%)



Red (67%)

Yellow (30%)

Blue (7%)

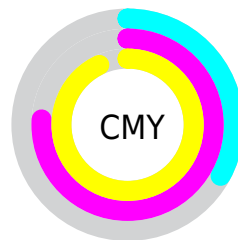


Cyan (0%)

Magenta (65%)

Yellow (90%)

Black (33%)



Cyan (33%)

Magenta (76%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.7074, 35.6330, 21.0328 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 34.7074, 35.6330, 21.0328 by changing the saturation by 10% instead.

■ 34.7074, 35.6330,
21.0328

■ 34.7074, 35.6330,
21.0328

143.0785, 46.4932,
50.0296

■ 26.0298, 33.8881,
17.0842

■ 54.3877, 38.7667,
28.4857

■ 18.2267, 32.0689,
12.7587

■ 65.2773, 40.1603,
31.9126

■ 11.4111, 30.3158,
7.9877

■ 76.8099, 41.4455,
35.1868

■ 3.7795, 53.2832,
2.6456

■ 88.9516, 42.6298,
38.3350

0.0000, INF, NaN

0.0000, NaN, NaN

■ 101.6731, 43.7205,
41.3782

0.0000, NaN, NaN


■ 114.9492, 44.7242,


0.0000, NaN, NaN


44.3330


0.0000, NaN, NaN


 128.7576, 45.6466,
47.2132


 34.7074, 35.6330,
21.0328


 34.7074, 35.6330,
21.0328


 32.9325, 40.2245,
20.9556


 36.8711, 30.7032,
20.6752

 32.8587, 40.4225,
20.9550

 39.3991, 25.7058,
19.7670

 42.2562, 20.8017,
18.3645

 45.4049, 16.0939,
16.5414

 48.8101, 11.6360,
14.3714

■ 52.4403, 7.4474,
11.9189

■ 56.2680, 3.5257,
9.2372

■ 60.2698, -0.1440,
6.3685

■ 64.4260, -3.5825,
3.3459

Harmonies

Analogous

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



34.7084, 54.0841, 12.2712



34.7074, 35.6330, 21.0328



34.7084, 9.3461, 23.2666

Triad

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



34.7084, 35.6298, 21.0333



34.7084, -36.2324, 10.5059



34.7084, 12.4025, -71.5495

Complementary

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



34.7074, 35.6330, 21.0328



43.6699, -12.3406, -26.2965

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.



34.7084, -11.7921, -73.3628



34.7074, 35.6330, 21.0328



34.7084, -35.8295, -13.2119

Square

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



34.7084, 35.6298, 21.0333



34.7084, -29.3946, 20.4884



34.7084, -28.0869, -47.4482



34.7084, 38.3830, -43.4656

Rectangle

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



34.7074, 35.6330, 21.0328



34.7084, -7.0810, 23.4187



34.7084, -28.0869, -47.4482



34.7084, 3.7023, -75.6934

Sweetspot

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



34.7084, 35.6298, 21.0333



71.6688, 8.9191, 15.3361



32.9243, 57.9782, -17.3224



32.6400, 4.9904, 7.6816



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



34.7084, 35.6298, 21.0333



43.8990, 55.5080, 28.0221



51.4211, 0.0451, 31.0263



28.9096, -0.1072, 3.0183



28.4874, 34.4545, 18.1570



5.6344, 3.4504, 3.5323

Inverse Universe

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



43.6699, -12.3406, -26.2965



56.2722, -13.9724, -40.1730



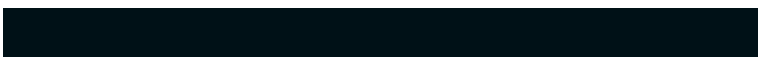
23.9569, 25.2220, -81.3887



29.4907, -2.8911, 0.1223



36.3894, -9.4584, -25.0655



6.7306, -2.5009, -3.0140

Previews

White Background



This preview shows how the HunterLab color 34.7074, 35.6330, 21.0328 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 × Fail

Black Background



This preview shows how the HunterLab color 34.7074, 35.6330, 21.0328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

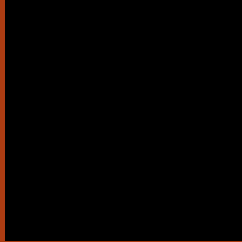
Any Text WCAG AA × Fail

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 34.7074, 35.6330, 21.0328 Background



This preview shows how black text looks on a background with the HunterLab color 34.7074, 35.6330, 21.0328.



This preview shows how white text looks on a background with the HunterLab color 34.7074, 35.6330,

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

34.7074, 35.6330, 21.0328

Protanopia

35.1034, -4.9784, 19.6879

Deuteranopia

34.8049, 1.7964, 21.4780



Tritanopia

34.6819, 39.3454, 14.9861

Trichromacy



Original Color

34.7074, 35.6330, 21.0328

Protanomaly

33.9845, 9.2610, 19.5956

Deuteranomaly

34.0043, 13.8010, 20.8444

Tritanomaly

34.6300, 38.1130, 17.9263

Monochromacy



Original Color

34.7074, 35.6330, 21.0328

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

31.1923, 9.6741, 10.4512

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.7074, 35.6330, 21.0328 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(172, 60, 18)` looks like.

```
.text, #text, p{  
    color:rgb(172, 60, 18)  
}
```

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(172, 60, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 60, 18) }
```

Border

The CSS property to change the border of an element to HunterLab 34.7074, 35.6330, 21.0328 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(172, 60, 18) }
```


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

```
.border{ border-color:rgb(172, 60, 18) }
```

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

Here you see how a box with a 4 pixel rgb(172, 60, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 60, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 60, 18);  
box-shadow:4px 4px 4px 4px rgb(172, 60,  
18) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.7074, 35.6330, 21.0328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 60, 18) }
```

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

```
.background{ background-color: rgb(172, 60,  
18) }
```

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