

Converting Colors

HunterLab(13.7073, 4.4865,
6.3201)

Have a look what the booklet for
HunterLab(13.7073, 4.4865, 6.3201)
contains.

HunterLab(13.7210, 4.4211, 6.4140)	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(13.7210, 4.4211,
6.4140)**

Conversions

Conversions Part 1

Format	Color
Hex	372010
RGB	55, 32, 16
RGB Percent	22%, 13%, 6%
CMY	0.7843, 0.8745, 0.9373
CMYK	0.00, 0.42, 0.71, 0.78
HSL	25°, 55%, 14%
HSV	25°, 71%, 22%
XYZ	2.1856, 1.8827, 0.7384
YIQ	37.0530, 18.8440, -0.1000

Conversions

Conversions Part 2

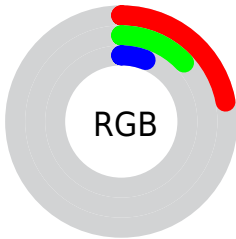
Format	Color
RYB	55, 43, 16
Decimal	3612688
CIELab	14.86, 9.17, 15.06
CIELCh	15, 17.629, 58.663
Yxy	1.8828, 0.4547, 0.3917
Android (android.graphics.Color)	4281802768 (0xFF372010)
YUV	37.0530, -10.3791, 15.7395
Hunter-Lab	13.7210, 4.4211, 6.4140

Details

The HunterLab color **13.7210, 4.4211, 6.4140** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **13.5533, -2.2675, -7.4997**, and the grayscale version is **13.6467, -0.7282, 0.7415**.

A 20% lighter version of the original color is **29.0128, 4.9509, 9.7838**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **13.0468, 5.4420, 6.7638**, and if you desaturate by 10%, it is **14.4388, 3.4610, 5.9435**.

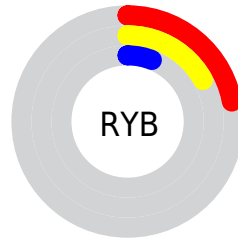
Distribution



 Red (22%)

 Green (13%)

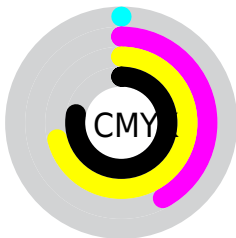
 Blue (6%)



 Red (22%)

 Yellow (17%)

 Blue (6%)

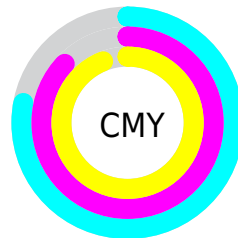


 Cyan (0%)

 Magenta (42%)

 Yellow (71%)

 Black (78%)



 Cyan (78%)

 Magenta (87%)

 Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.7210, 4.4211, 6.4140 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 13.7210, 4.4211, 6.4140 by changing the saturation by 10% instead.

13.7210, 4.4211,
6.4140

13.7210, 4.4211,
6.4140

106.3492, 4.0149,
19.6227

7.3347, 5.0551,
5.1343

29.0316, 4.8913,
9.6722

0.0000, NaN, NaN

0.0000, NaN, NaN

38.0019, 4.9695,
11.1870

0.0000, NaN, NaN

47.7431, 4.9656,
12.6482

0.0000, NaN, NaN

58.1982, 4.8905,
14.0742

0.0000, NaN, NaN

0.0000, NaN, NaN


69.3216, 4.7523,
15.4774


0.0000, NaN, NaN


81.0753, 4.5572,


0.0000, NaN, NaN


16.8661


 93.4270, 4.3100,
18.2464


 13.7210, 4.4211,
6.4140


 13.7210, 4.4211,
6.4140

 13.0468, 5.4420,
6.7638


 14.4388, 3.4610,
5.9435

 12.4124, 6.4889,
7.0762

 15.1955, 2.5662,
5.3624

 11.8656, 7.4175,
7.4414

 15.9882, 1.7360,
4.6816

 16.8138, 0.9685,
3.9113

 17.6696, 0.2606,
3.0611

■ 18.5531, -0.3912,
2.1396

■ 19.4621, -0.9909,
1.1544

■ 20.3946, -1.5423,
0.1121

■ 21.3488, -2.0493,
-0.9816

Harmonies

Analogous

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



13.7213, 8.3701, 4.3347



13.7210, 4.4211, 6.4140



13.7213, -0.5163, 7.1896

Triad

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



13.7213, 4.4204, 6.4142



13.7213, -8.8146, 0.9507



13.7213, 3.9952, -9.4431

Complementary

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



13.7210, 4.4211, 6.4140



13.5533, -2.2675, -7.4997

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.



13.7213, -0.9481, -11.2937



13.7210, 4.4211, 6.4140



13.7213, -7.9468, -4.1834

Square

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



13.7213, 4.4204, 6.4142



13.7213, -7.7776, 4.5824



13.7213, -5.2225, -9.1030



13.7213, 8.1018, -4.6668

Rectangle

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



13.7210, 4.4211, 6.4140



13.7213, -3.5711, 6.9110



13.7213, -5.2225, -9.1030



13.7213, 2.3566, -10.4880

Sweetspot

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



13.7213, 4.4204, 6.4142



22.6948, 0.4352, 4.0811



11.5411, 12.8042, -2.7046



11.8263, 0.2504, 2.1614



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



13.7213, 4.4204, 6.4142



16.1759, 8.1722, 8.9821



17.9611, -3.0361, 9.3962



10.3696, -0.3028, 1.0462



19.0525, 14.2160, 11.9889



47.3449, 41.4054, 29.8986

Inverse Universe

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



13.5533, -2.2675, -7.4997



15.8823, -2.1578, -12.7571



9.3957, 5.4371, -16.9234



10.3592, -0.7804, 0.0639



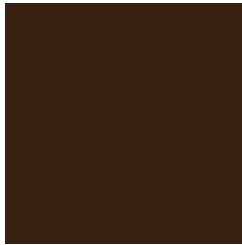
18.4935, -1.0091, -20.9367



45.7335, 0.8310, -58.9568

Previews

White Background



This preview shows how the HunterLab color 13.7210, 4.4211, 6.4140 looks on a white background.

Color Contrast Check

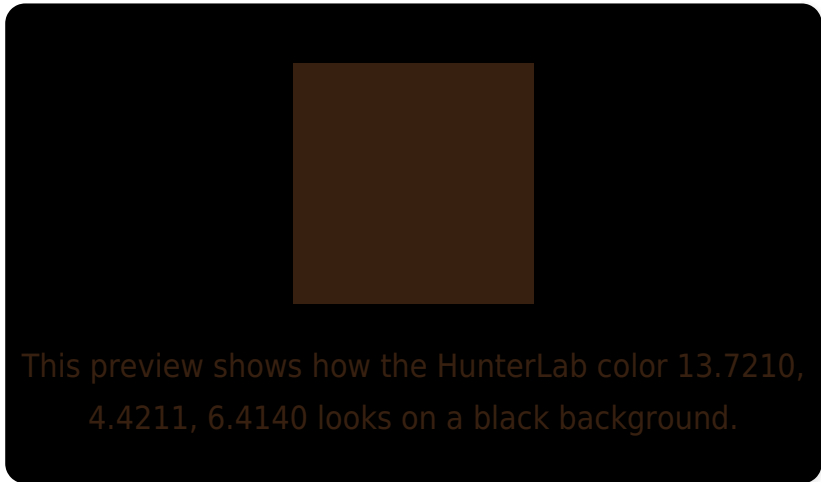
Large Text (above 18pt) WCAG AA ✓ Pass

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

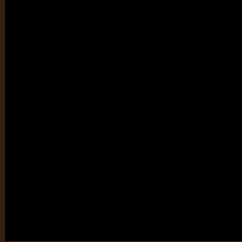
Any Text WCAG AA × Fail

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 13.7210, 4.4211, 6.4140 Background



This preview shows how black text looks on a background with the HunterLab color 13.7210, 4.4211, 6.4140.

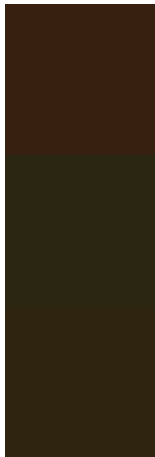


This preview shows how white text looks on a background with the HunterLab color 13.7210, 4.4211,

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

13.7210, 4.4211, 6.4140

Protanopia

13.8641, -1.6391, 6.0670

Deuteranopia

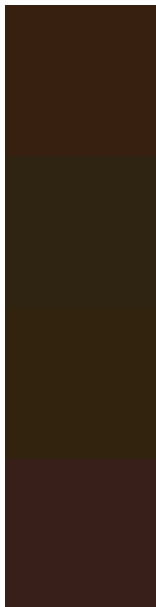
13.7862, 0.3376, 6.5572



Tritanopia

13.6879, 6.7685, 2.6338

Trichromacy



Original Color

13.7210, 4.4211, 6.4140

Protanomaly

13.8078, 0.4546, 6.2391

Deuteranomaly

13.8371, 1.6193, 6.6182

Tritanomaly

13.7670, 5.8240, 4.3763

Monochromacy



Original Color

13.7210, 4.4211, 6.4140

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

13.5139, 0.9388, 3.2438

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.7210, 4.4211, 6.4140 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(55, 32, 16)` looks like.

```
.text, #text, p{  
    color:rgb(55, 32, 16)  
}
```

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(55, 32, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 32, 16) }
```

Border

The CSS property to change the border of an element to HunterLab 13.7210, 4.4211, 6.4140 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(55, 32, 16) }
```


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

```
.border{ border-color:rgb(55, 32, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 32, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 32, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 32, 16);  
box-shadow:4px 4px 4px 4px rgb(55, 32, 16)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.7210, 4.4211, 6.4140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 32, 16) }
```

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

```
.background{ background-color: rgb(55, 32,  
16) }
```

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