

Converting Colors

HunterLab(21.3711, 1.3257,
4.5029)

Have a look what the booklet for
HunterLab(21.3711, 1.3257, 4.5029)
contains.

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Color

**HunterLab(21.3711, 1.3257,
4.5029)**

Conversions

Conversions Part 1

Format	Color
Hex	463A33
RGB	70, 58, 51
RGB Percent	27%, 23%, 20%
CMY	0.7255, 0.7725, 0.8000
CMYK	0.00, 0.17, 0.27, 0.73
HSL	22°, 16%, 24%
HSV	22°, 27%, 27%
XYZ	4.6364, 4.5672, 3.7692
YIQ	60.7900, 9.3990, 0.3670

Conversions

Conversions Part 2

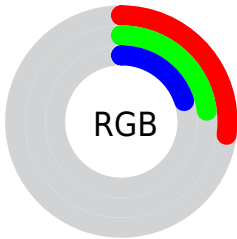
Format	Color
RYB	70, 62, 51
Decimal	4602419
CIELab	25.47, 3.96, 6.31
CIELCh	25, 7.451, 57.859
Yxy	4.5674, 0.3574, 0.3521
Android (android.graphics.Color)	4282792499 (0xFF463A33)
YUV	60.7900, -4.8265, 8.0772
Hunter-Lab	21.3711, 1.3257, 4.5029

Details

The HunterLab color **21.3711, 1.3257, 4.5029** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **21.6816, -2.9681, -2.5371**, and the grayscale version is **21.5439, -1.1495, 1.1705**.

A 20% lighter version of the original color is **38.5852, 1.0213, 6.4161**, and **7.7426, 2.0606, 3.7076** is the 20% darker color. If you saturate the color by 10%, you get **20.2077, 2.4449, 5.5031**, and if you desaturate by 10%, it is **22.5809, 0.2864, 3.4085**.

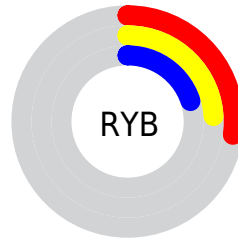
Distribution



Red (27%)

Green (23%)

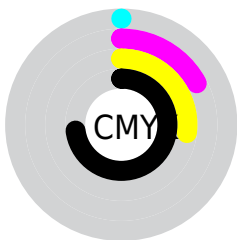
Blue (20%)



Red (27%)

Yellow (24%)

Blue (20%)

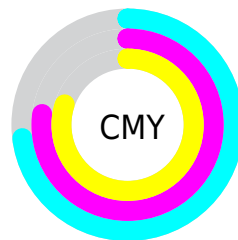


Cyan (0%)

Magenta (17%)

Yellow (27%)

Black (73%)



Cyan (73%)

Magenta (77%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.3711, 1.3257, 4.5029 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 21.3711, 1.3257, 4.5029 by changing the saturation by 10% instead.

■ 21.3711, 1.3257,
4.5029

■ 21.3711, 1.3257,
4.5029

■ 120.6504, -2.1182,
12.8921

■ 14.1272, 1.4091,
3.5952

■ 38.5705, 0.9214,
6.2873

■ 7.7783, 1.8052,
3.7857

■ 48.3564, 0.6254,
7.1863

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.8532, 0.2765,
8.0970

0.0000, NaN, NaN

■ 70.0158, -0.1203,
9.0221

0.0000, NaN, NaN

■ 81.8065, -0.5611,
9.9634

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.1936, -1.0427,

107.1495, -1.5625,
11.8978

■ 21.3711, 1.3257,
4.5029

■ 21.3711, 1.3257,
4.5029

■ 20.2077, 2.4449,
5.5031

■ 22.5809, 0.2864,
3.4085

■ 19.0940, 3.6505,
6.3945

■ 23.8316, -0.6762,
2.2309

■ 18.0357, 4.9444,
7.1621

■ 25.1199, -1.5688,
0.9803

■ 17.0388, 6.3255,
7.7892

■ 26.4426, -2.3973,
-0.3345

■ 16.1096, 7.7881,
8.2588

■ 27.7969, -3.1676,
-1.7064

■ 15.2545, 9.3182,
8.5584

■ 29.1803, -3.8849,
-3.1293

■ 14.4673, 10.8335,
8.8690

■ 30.5907, -4.5542,
-4.5980

■ 14.2543, 11.2536,
8.9805

■ 32.0262, -5.1801,
-6.1081

■ 33.4851, -5.7667,
-7.6559

Harmonies

Analogous

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



21.3716, 3.0174, 3.0826



21.3711, 1.3257, 4.5029



21.3716, -0.9718, 5.0408

Triad

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



21.3716, 1.3250, 4.5032



21.3716, -5.4870, 1.3238



21.3716, 1.0192, -3.0128

Complementary

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



21.3711, 1.3257, 4.5029



21.6816, -2.9681, -2.5371

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.



21.3716, -1.3106, -3.6122



21.3711, 1.3257, 4.5029



21.3716, -5.0048, -0.9524

Square

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



21.3716, 1.3250, 4.5032



21.3716, -4.8474, 3.3334



21.3716, -3.5009, -2.8213



21.3716, 2.8356, -1.2613

Rectangle

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



21.3711, 1.3257, 4.5029



21.3716, -2.5145, 4.8755



21.3716, -3.5009, -2.8213



21.3716, 0.2671, -3.3635

Sweetspot

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



21.3716, 1.3250, 4.5032



31.2330, -0.7460, 3.1321



20.0726, 5.8491, -1.4342



15.7119, -0.3230, 1.6522



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



21.3716, 1.3250, 4.5032



27.0725, 2.8028, 6.9050



23.6880, -2.5829, 6.7118



12.5988, -0.2870, 1.2839



19.9484, 17.3969, 12.5967



47.5462, 47.4592, 30.1286

Inverse Universe

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



21.6816, -2.9681, -2.5371



27.5834, -4.3031, -4.7441



19.3421, 0.9277, -5.8270



12.6525, -1.0273, 0.0693



21.0776, -2.6697, -20.5820



50.2832, -3.7616, -54.7294

Previews

White Background



This preview shows how the HunterLab color 21.3711, 1.3257, 4.5029 looks on a white background.

Color Contrast Check

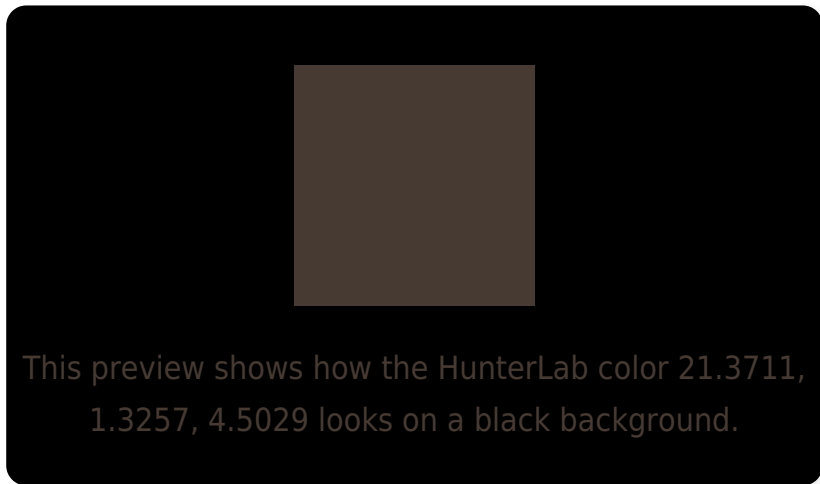
Large Text (above 18pt) WCAG AA ✓ Pass

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

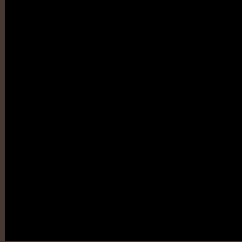
Any Text WCAG AA × Fail

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 21.3711, 1.3257, 4.5029 Background



This preview shows how black text looks on a background with the HunterLab color 21.3711, 1.3257, 4.5029.



This preview shows how white text looks on a background with the HunterLab color 21.3711, 1.3257,

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

21.3711, 1.3257, 4.5029

Protanopia

21.2989, -1.3566, 4.0567

Deuteranopia

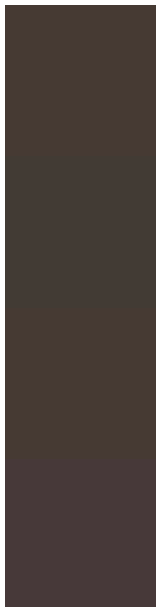
21.3711, 1.3257, 4.5029



Tritanopia

21.4541, 3.2569, 1.0760

Trichromacy



Original Color

21.3711, 1.3257, 4.5029

Protanomaly

21.2935, -0.1228, 4.0727

Deuteranomaly

21.3711, 1.3257, 4.5029

Tritanomaly

21.3571, 2.7444, 2.4621

Monochromacy



Original Color

21.3711, 1.3257, 4.5029

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

21.4875, -0.4806, 2.5512

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.3711, 1.3257, 4.5029 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(70, 58, 51)` looks like.

```
.text, #text, p{  
    color:rgb(70, 58, 51)  
}
```

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(70, 58, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 58, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 21.3711, 1.3257, 4.5029 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(70, 58, 51) }
```


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

```
.border{ border-color:rgb(70, 58, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 58, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 58, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 58, 51);  
box-shadow:4px 4px 4px 4px rgb(70, 58, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.3711, 1.3257, 4.5029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 58, 51) }
```

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

```
.background{ background-color: rgb(70, 58,  
51) }
```

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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