

Converting Colors

HunterLab(23.7283, 2.1909,
2.3132)

Have a look what the booklet for
HunterLab(23.7283, 2.1909, 2.3132)
contains.

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Color

**HunterLab(23.7197, 2.4999,
2.1591)**

Conversions

Conversions Part 1

Format	Color
Hex	4D4041
RGB	77, 64, 65
RGB Percent	30%, 25%, 25%
CMY	0.6980, 0.7490, 0.7451
CMYK	0.00, 0.17, 0.16, 0.70
HSL	355°, 9%, 28%
HSV	355°, 17%, 30%
XYZ	5.8481, 5.6262, 5.7788
YIQ	68.0010, 7.4270, 3.0670

Conversions

Conversions Part 2

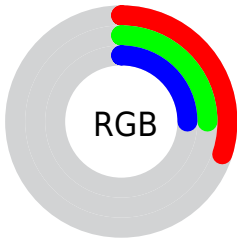
Format	Color
R_YB	77, 64, 65
Decimal	5062721
CIE Lab	28.45, 5.80, 1.48
CIE LCh	28, 5.984, 14.288
Yxy	5.6265, 0.3390, 0.3261
Android (android.graphics.Color)	4283252801 (0xFF4D4041)
YUV	68.0010, -1.4795, 7.8921
Hunter-Lab	23.7197, 2.4999, 2.1591

Details

The HunterLab color **23.7197, 2.4999, 2.1591** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **26.3054, -4.8250, 0.7128**, and the grayscale version is **24.0468, -1.2831, 1.3065**.

A 20% lighter version of the original color is **41.4924, 2.1525, 3.2812**, and **9.7929, 2.3432, 1.1676** is the 20% darker color. If you saturate the color by 10%, you get **21.7713, 4.9478, 2.6399**, and if you desaturate by 10%, it is **25.7748, 0.1307, 1.7387**.

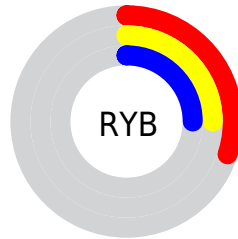
Distribution



Red (30%)

Green (25%)

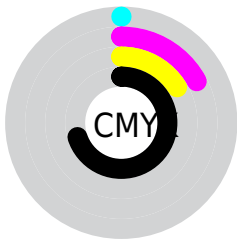
Blue (25%)



Red (30%)

Yellow (25%)

Blue (25%)

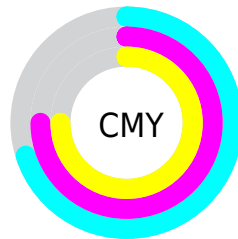


Cyan (0%)

Magenta (17%)

Yellow (16%)

Black (70%)



Cyan (70%)

Magenta (75%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.7197, 2.4999, 2.1591 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 23.7197, 2.4999, 2.1591 by changing the saturation by 10% instead.

■ 23.7197, 2.4999,
2.1591

■ 23.7197, 2.4999,
2.1591

■ 124.7825, -0.2454,
8.3221

■ 16.1843, 2.4800,
1.6411

■ 41.4139, 2.2809,
3.3062

■ 9.6767, 2.3453,
1.1656

■ 51.4173, 2.0692,
3.9314

0.0000, NaN, NaN

■ 62.1172, 1.8000,
4.5891

0.0000, NaN, NaN

■ 73.4709, 1.4790,
5.2780

0.0000, NaN, NaN

■ 85.4427, 1.1107,
5.9969

0.0000, NaN, NaN

■ 98.0022, 0.6987,

0.0000, NaN, NaN

0.0000, NaN, NaN

111.1232, 0.2458,
7.5199

■ 23.7197, 2.4999,
2.1591

■ 23.7197, 2.4999,
2.1591

■ 21.7713, 4.9478,
2.6399

■ 25.7748, 0.1307,
1.7387

■ 19.9459, 7.4702,
3.1857

■ 27.9207, -2.1601,
1.3705

■ 18.2656, 10.0441,
3.7999

■ 30.1462, -4.3801,
1.0479

■ 16.7560, 12.6202,
4.4783

■ 32.4418, -6.5376,
0.7646

■ 15.4457, 15.1116,
5.2054

■ 34.7998, -8.6411,
0.5150

■ 14.3642, 17.3860,
5.9491

■ 37.2139, -10.6987,
0.2944

■ 13.5361, 19.2774,
6.6593

■ 39.6787, -12.7176,
0.0987

■ 12.8365, 21.0779,
7.2002

■ 42.1900, -14.7041,
-0.0756

■ 12.6125, 21.7021,
7.3533

■ 44.7440, -16.6639,
-0.2312

Harmonies

Analogous

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



23.7202, 2.4734, 0.2990



23.7197, 2.4999, 2.1591



23.7202, 1.4933, 3.6619

Triad

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



23.7202, 2.4992, 2.1595



23.7202, -3.8430, 3.7182



23.7202, -2.2795, -2.4281

Complementary

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



23.7197, 2.4999, 2.1591



26.3054, -4.8250, 0.7128

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.



23.7202, -3.9065, -1.3527



23.7197, 2.4999, 2.1591



23.7202, -4.7890, 2.2422

Square

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



23.7202, 2.4992, 2.1595



23.7202, -2.1904, 4.5110



23.7202, -4.8118, 0.3887



23.7202, -0.3291, -2.4548

Rectangle

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



23.7197, 2.4999, 2.1591



23.7202, 0.3914, 4.3011



23.7202, -4.8118, 0.3887



23.7202, -2.8809, -2.1736

Sweetspot

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



23.7202, 2.4992, 2.1595



34.0475, -0.3443, 2.1791



23.9499, 3.9017, -2.5556



17.4002, -0.1172, 1.1269



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



23.7202, 2.4992, 2.1595



29.9108, 4.4687, 3.0441



25.0117, 0.0487, 3.9142



13.0577, 0.2795, 0.9299



16.8581, 28.9718, 10.1038



40.9669, 70.2607, 25.6683

Inverse Universe

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



23.7202, 2.4992, 2.1595



29.9108, 4.4687, 3.0441



24.9140, -2.4411, -1.4000



13.0577, 0.2795, 0.9299



16.8581, 28.9718, 10.1038



40.9669, 70.2607, 25.6683

Previews

White Background



This preview shows how the HunterLab color 23.7197, 2.4999, 2.1591 looks on a white background.

Color Contrast Check

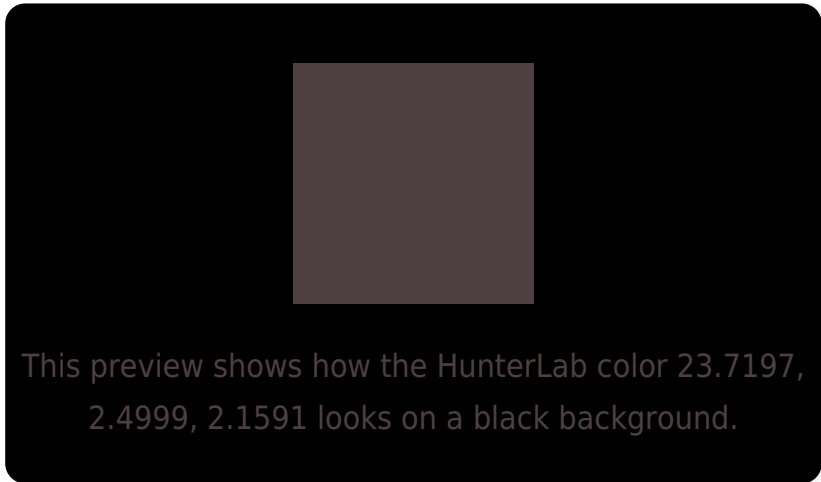
Large Text (above 18pt) WCAG AA ✓ Pass

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

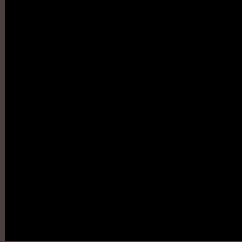
Any Text WCAG AA × Fail

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 23.7197, 2.4999, 2.1591 Background



This preview shows how black text looks on a background with the HunterLab color 23.7197, 2.4999, 2.1591.

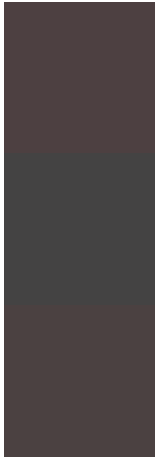


This preview shows how white text looks on a background with the HunterLab color 23.7197, 2.4999,

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

23.7197, 2.4999, 2.1591

Protanopia

23.7666, -1.0032, 1.3801

Deuteranopia

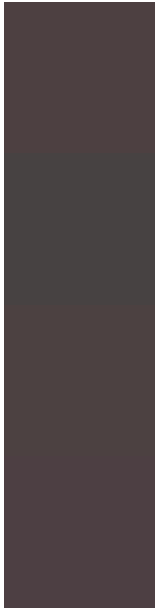
23.7868, 1.4927, 2.2181



Tritanopia

23.5588, 3.3348, 0.8118

Trichromacy



Original Color

23.7197, 2.4999, 2.1591

Protanomaly

23.7263, 0.0837, 1.7414

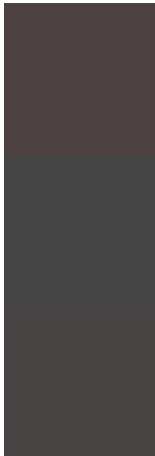
Deuteranomaly

23.8720, 1.7790, 2.3201

Tritanomaly

23.5330, 3.1989, 1.1783

Monochromacy



Original Color

23.7197, 2.4999, 2.1591

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

23.9982, -0.2039, 1.6647

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.7197, 2.4999, 2.1591 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(77, 64, 65)` looks like.

```
.text, #text, p{  
    color:rgb(77, 64, 65)  
}
```

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(77, 64, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 64, 65) }
```

Border

The CSS property to change the border of an element to HunterLab 23.7197, 2.4999, 2.1591 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(77, 64, 65) }
```


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

```
.border{ border-color:rgb(77, 64, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 64, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 64, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 64, 65);  
box-shadow:4px 4px 4px 4px rgb(77, 64, 65)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.7197, 2.4999, 2.1591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 64, 65) }
```

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

```
.background{ background-color: rgb(77, 64,  
65) }
```

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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