

Converting Colors

HunterLab(12.0979, 0.2039,
0.9388)

Have a look what the booklet for
HunterLab(12.0979, 0.2039, 0.9388)
contains.

HunterLab(11.9843, 0.3333, 0.9772)	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(11.9843, 0.3333,
0.9772)**

Conversions

Conversions Part 1

Format	Color
Hex	231F1F
RGB	35, 31, 31
RGB Percent	14%, 12%, 12%
CMY	0.8627, 0.8784, 0.8784
CMYK	0.00, 0.11, 0.11, 0.86
HSL	0°, 6%, 13%
HSV	0°, 11%, 14%
XYZ	1.4305, 1.4362, 1.4982
YIQ	32.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

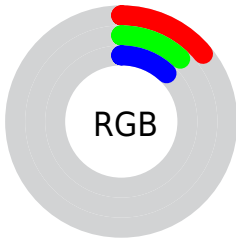
Format	Color
R_{YB}	35, 31, 31
Decimal	2301727
CIE Lab	12.20, 1.91, 0.69
CIE LCh	12, 2.030, 19.890
Yxy	1.4363, 0.3277, 0.3291
Android (android.graphics.Color)	4280491807 (0xFF231F1F)
YUV	32.1960, -0.5896, 2.4591
Hunter-Lab	11.9843, 0.3333, 0.9772

Details

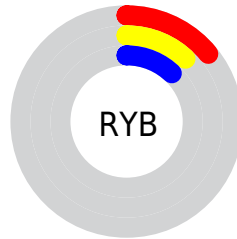
The HunterLab color **11.9843, 0.3333, 0.9772** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **12.7070, -1.5951, 0.3827**, and the grayscale version is **12.0812, -0.6446, 0.6564**.

A 20% lighter version of the original color is **26.8373, -0.3370, 1.8251**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.1619, 1.2618, 1.2296**, and if you desaturate by 10%, it is **12.8398, -0.5657, 0.7377**.

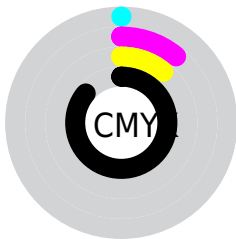
Distribution



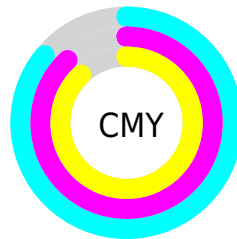
- Red (14%)
- Green (12%)
- Blue (12%)



- Red (14%)
- Yellow (12%)
- Blue (12%)



- Cyan (0%)
- Magenta (11%)
- Yellow (11%)
- Black (86%)



- Cyan (86%)
- Magenta (88%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.9843, 0.3333, 0.9772 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 11.9843, 0.3333, 0.9772 by changing the saturation by 10% instead.

■ 11.9843, 0.3333,
0.9772

■ 11.9843, 0.3333,
0.9772

102.8546, -3.5249,
6.2714

■ 4.9320, 1.4230,
0.8489

■ 26.7822, -0.1665,
1.8853

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.5358, -0.5113,
2.4047

0.0000, NaN, NaN

■ 45.0778, -0.9082,
2.9635

0.0000, NaN, NaN

■ 55.3477, -1.3518,
3.5590

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.2972, -1.8383,
4.1892

0.0000, NaN, NaN

■ 77.8864, -2.3642,

0.0000, NaN, NaN

4.8523

■ 90.0818, -2.9272,
5.5469

■ 11.9843, 0.3333,
0.9772

■ 11.9843, 0.3333,
0.9772

■ 11.1619, 1.2618,
1.2296

■ 12.8398, -0.5657,
0.7377

■ 10.3762, 2.2219,
1.4948

■ 13.7240, -1.4364,
0.5094

■ 9.6328, 3.2120,
1.7732

■ 14.6340, -2.2819,
0.2914

■ 8.9378, 4.2273,
2.0635

■ 15.5673, -3.1049,
0.0826

■ 8.2984, 5.2571,
2.3625

■ 16.5218, -3.9081,
-0.1180

■ 7.7231, 6.2815,
2.6643

■ 17.4955, -4.6941,
-0.3115

■ 7.1612, 7.3934,
2.9967

■ 18.4870, -5.4653,
-0.4987

■ 6.5513, 8.7583,
3.4105

■ 19.4949, -6.2236,
-0.6805

■ 5.9792, 10.2319,
3.8635

■ 20.5180, -6.9708,
-0.8574

Harmonies

Analogous

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



11.9846, 0.3794, 0.4810



11.9843, 0.3333, 0.9772



11.9846, 0.0233, 1.3701

Triad

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



11.9846, 0.3330, 0.9774



11.9846, -1.4093, 1.2600



11.9846, -0.8184, -0.3414

Complementary

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



11.9843, 0.3333, 0.9772



12.7070, -1.5951, 0.3827

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.



11.9846, -1.2894, -0.1127



11.9843, 0.3333, 0.9772



11.9846, -1.6266, 0.8212

Square

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



11.9846, 0.3330, 0.9774



11.9846, -0.9847, 1.5283



11.9846, -1.5831, 0.3179



11.9846, -0.2915, -0.2952

Rectangle

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



11.9843, 0.3333, 0.9772



11.9846, -0.2878, 1.5271



11.9846, -1.5831, 0.3179



11.9846, -0.9884, -0.2938

Sweetspot

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



11.9846, 0.3330, 0.9774



16.1398, -0.5178, 0.9921



12.0775, 0.8343, -0.3494



9.0259, -0.2737, 0.5602



55.4075, -2.9564, 3.0104



9.2414, -0.4931, 0.5021

Same Dimension

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



11.9846, 0.3330, 0.9774



14.8682, 0.8437, 1.3570



12.4257, -0.4220, 1.4637



7.3300, 0.0045, 0.5310



13.3281, 22.8167, 8.6121



36.8388, 63.0801, 23.8042

Inverse Universe

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



12.7070, -1.5951, 0.3827



16.0723, -2.3718, 0.3651



12.2490, -0.8546, -0.1640



7.6267, -0.7871, 0.2868



25.6411, -13.5900, -2.7123



70.8761, -37.5639, -7.4993

Previews

White Background



This preview shows how the HunterLab color 11.9843, 0.3333, 0.9772 looks on a white background.

Color Contrast Check

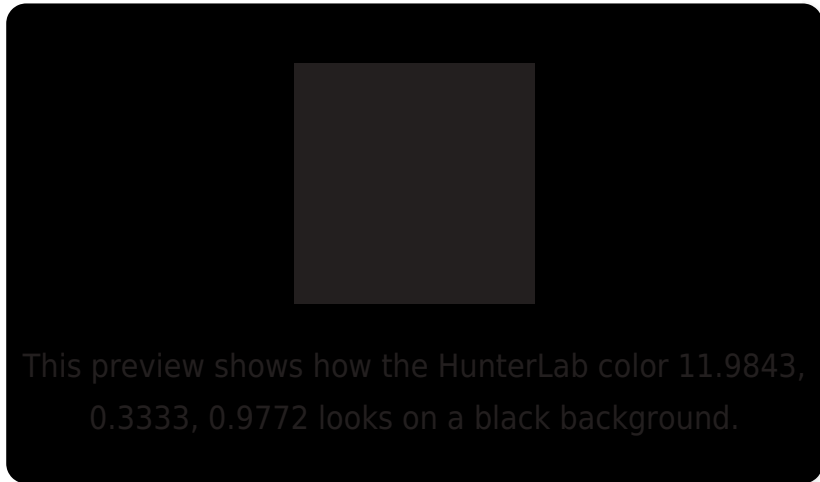
Large Text (above 18pt) WCAG AA ✓ Pass

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

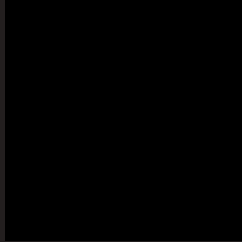
Any Text WCAG AA × Fail

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 11.9843, 0.3333, 0.9772 Background



This preview shows how black text looks on a background with the HunterLab color 11.9843, 0.3333, 0.9772.



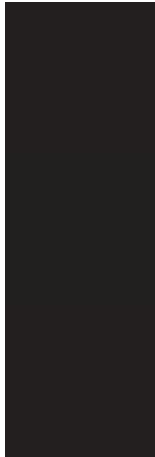
This preview shows how white text looks on a background with the HunterLab color 11.9843, 0.3333,

0.9772.

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

11.9843, 0.3333, 0.9772

Protanopia

12.0635, -0.5285, 1.0530

Deuteranopia

11.9843, 0.3333, 0.9772



Tritanopia

12.0296, 0.5773, 0.3311

Trichromacy



Original Color

11.9843, 0.3333, 0.9772

Protanomaly

12.1327, -0.2891, 1.1362

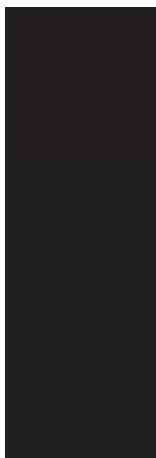
Deuteranomaly

11.9843, 0.3333, 0.9772

Tritanomaly

12.0066, 0.4537, 0.6584

Monochromacy



Original Color

11.9843, 0.3333, 0.9772

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

12.0857, -0.4073, 0.7363

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.9843, 0.3333, 0.9772 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(35, 31, 31)` looks like.

```
.text, #text, p{  
    color:rgb(35, 31, 31)  
}
```

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(35, 31, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 31, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 11.9843, 0.3333, 0.9772 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(35, 31, 31) }
```


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

```
.border{ border-color:rgb(35, 31, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 31, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 31, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 31, 31);  
box-shadow:4px 4px 4px 4px rgb(35, 31, 31)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 11.9843, 0.3333, 0.9772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 31, 31) }
```

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

```
.background{ background-color: rgb(35, 31,  
31) }
```

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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