

Converting Colors

HunterLab(21.4068, 36.3352,
13.7268)

Have a look what the booklet for
HunterLab(21.4068, 36.3352,
13.7268) contains.

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Color

**HunterLab(21.4781, 36.5324,
13.7950)**

Conversions

Conversions Part 1

Format	Color
Hex	800101
RGB	128, 1, 1
RGB Percent	50%, 0%, 0%
CMY	0.4980, 0.9960, 0.9961
CMYK	0.00, 0.99, 0.99, 0.50
HSL	0°, 98%, 25%
HSV	0°, 99%, 50%
XYZ	8.9184, 4.6131, 0.4491
YIQ	38.9730, 75.6920, 26.9240

Conversions

Conversions Part 2

Format	Color
RYB	128, 1, 1
Decimal	8388865
CIELab	25.60, 47.88, 37.72
CIELCh	26, 60.954, 38.231
Yxy	4.6134, 0.6379, 0.3300
Android (android.graphics.Color)	4286578945 (0xFF800101)
YUV	38.9730, -18.7207, 78.0767
Hunter-Lab	21.4781, 36.5324, 13.7950

Details

The HunterLab color **21.4781, 36.5324, 13.7950** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **41.2301, -21.8200, -4.3434**, and the grayscale version is **14.2789, -0.7619, 0.7758**.

A 20% lighter version of the original color is **38.7793, 40.3359, 20.4901**, and **11.2482, 19.2628, 7.2683** is the 20% darker color. If you saturate the color by 10%, you get **21.4231, 36.6837, 13.8430**, and if you desaturate by 10%, it is **22.2023, 34.5846, 13.1958**.

Distribution



Red (50%)

Green (0%)

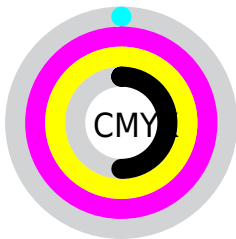
Blue (0%)



Red (50%)

Yellow (0%)

Blue (0%)



Cyan (0%)

Magenta (99%)

Yellow (99%)

Black (50%)



Cyan (50%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.4781, 36.5324, 13.7950 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 21.4781, 36.5324, 13.7950 by changing the saturation by 10% instead.

■ 21.4781, 36.5324,
13.7950

■ 21.4781, 36.5324,
13.7950

■ 120.8411, 49.9662,
39.3739

■ 14.2206, 34.6710,
9.9544

■ 38.7010, 40.2419,
20.3908

■ 7.8763, 34.5226,
5.5134

■ 48.4971, 41.9514,
23.4621

0.0000, INF, NaN

0.0000, NaN, NaN

■ 59.0034, 43.5463,
26.3682

0.0000, NaN, NaN

■ 70.1749, 45.0294,
29.1436

0.0000, NaN, NaN

■ 81.9741, 46.4063,
31.8142

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.3693, 47.6839,

34.3998

0.0000, NaN, NaN

■ 107.3329, 48.8685,
36.9157

■ 21.4781, 36.5324,
13.7950

■ 21.4781, 36.5324,
13.7950

■ 21.4231, 36.6837,
13.8430

■ 22.2023, 34.5846,
13.1958

■ 23.3080, 31.7990,
12.3426

■ 24.9328, 28.0599,
11.2072

■ 27.0436, 23.7189,
9.9049

■ 29.5842, 19.1038,
8.5415

■ 32.4924, 14.4484,
7.1910

■ 35.7103, 9.8882,
5.8946

■ 39.1884, 5.4867,
4.6701

■ 42.8859, 1.2624,
3.5207

Harmonies

Analogous

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



21.4788, 49.3882, 5.6389



21.4781, 36.5324, 13.7950



21.4788, 14.4443, 15.0352

Triad

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



21.4788, 36.5296, 13.7954



21.4788, -25.9092, 10.5813



21.4788, 4.4355, -71.4855

Complementary

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



21.4781, 36.5324, 13.7950



41.2301, -21.8200, -4.3434

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.



21.4788, -13.2642, -64.3794



21.4781, 36.5324, 13.7950



21.4788, -26.9392, -4.5319

Square

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



21.4788, 36.5296, 13.7954



21.4788, -19.6446, 15.0352



21.4788, -23.2366, -34.2248



21.4788, 27.0239, -49.2569

Rectangle

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



21.4781, 36.5324, 13.7950



21.4788, 0.0122, 15.0352



21.4788, -23.2366, -34.2248



21.4788, -2.2825, -72.6678

Sweetspot

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



21.4788, 36.5296, 13.7954



46.7327, 13.9992, 8.0691



24.8382, 48.5859, -32.5923



21.8678, 7.8073, 4.1971



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



21.4788, 36.5296, 13.7954



28.4261, 48.6767, 18.3682



28.8353, 16.2030, 17.9928



20.8431, 0.5880, 1.7025



21.3327, 36.5290, 13.7846

0.0000, NaN, NaN

Inverse Universe

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



41.2301, -21.8200, -4.3434



54.6978, -28.9939, -5.7780



22.9965, 4.5470, -38.4023



22.1062, -2.7825, 0.6635

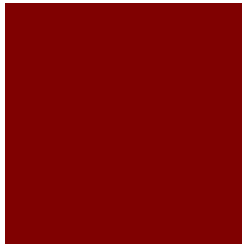


41.0484, -21.7587, -4.3360

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 21.4781, 36.5324, 13.7950 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

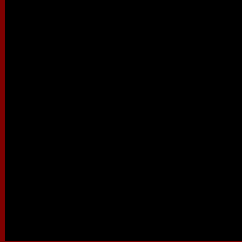
Any Text WCAG AA × Fail

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 21.4781, 36.5324, 13.7950 Background



This preview shows how black text looks on a background with the HunterLab color 21.4781, 36.5324, 13.7950.



This preview shows how white text looks on a background with the HunterLab color 21.4781, 36.5324,

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

21.4781, 36.5324, 13.7950

Protanopia

22.8857, -3.0864, 12.6741

Deuteranopia

22.5540, 0.5936, 13.9080



Tritanopia

21.8517, 34.3292, 14.0659

Trichromacy



Original Color

21.4781, 36.5324, 13.7950

Protanomaly

20.0181, 13.1426, 11.6274

Deuteranomaly

20.1189, 15.9184, 12.6759

Tritanomaly

21.6465, 35.0083, 13.9513

Monochromacy



Original Color

21.4781, 36.5324, 13.7950

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.5088, 13.0148, 5.4097

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.4781, 36.5324, 13.7950 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(128, 1, 1)` looks like.

```
.text, #text, p{  
    color:rgb(128, 1, 1)  
}
```

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(128, 1, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 1, 1) }
```

Border

The CSS property to change the border of an element to HunterLab 21.4781, 36.5324, 13.7950 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(128, 1, 1) }
```


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

```
.border{ border-color:rgb(128, 1, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 1, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 1, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(128, 1, 1); box-shadow:4px  
4px 4px 4px rgb(128, 1, 1) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.4781, 36.5324, 13.7950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 1, 1) }
```

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

```
.background{ background-color: rgb(128, 1,  
1) }
```

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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