

Converting Colors

HunterLab(21.0908, -0.9652,
9.7177)

Have a look what the booklet for
HunterLab(21.0908, -0.9652, 9.7177)
contains.

HunterLab(21.1704, -1.2984, 9.7669)	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(21.1704, -1.2984,
9.7669)**

Conversions

Conversions Part 1

Format	Color
Hex	453B1D
RGB	69, 59, 29
RGB Percent	27%, 23%, 11%
CMY	0.7294, 0.7686, 0.8863
CMYK	0.00, 0.14, 0.58, 0.73
HSL	45°, 41%, 19%
HSV	45°, 58%, 27%
XYZ	4.2400, 4.4819, 1.8040
YIQ	58.5700, 15.5900, -7.2100

Conversions

Conversions Part 2

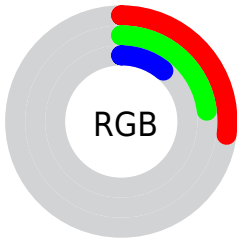
Format	Color
R_{YB}	42, 69, 29
Decimal	4537117
CIE Lab	25.21, -0.28, 20.06
CIE LCh	25, 20.058, 90.794
Yxy	4.4821, 0.4028, 0.4258
Android (android.graphics.Color)	4282727197 (0xFF453B1D)
YUV	58.5700, -14.5780, 9.1471
Hunter-Lab	21.1704, -1.2984, 9.7669

Details

The HunterLab color **21.1704, -1.2984, 9.7669** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **14.6351, 2.5189, -13.7470**, and the grayscale version is **20.8103, -1.1104, 1.1307**.

A 20% lighter version of the original color is **38.3724, -2.0370, 13.5991**, and **7.6358, -0.4167, 4.6979** is the 20% darker color. If you saturate the color by 10%, you get **20.6816, -1.0056, 10.5356**, and if you desaturate by 10%, it is **21.6803, -1.5054, 8.7901**.

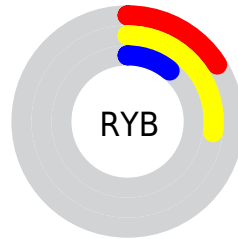
Distribution



Red (27%)

Green (23%)

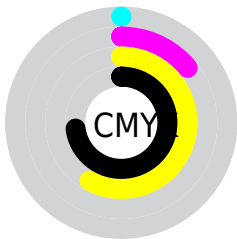
Blue (11%)



Red (16%)

Yellow (27%)

Blue (11%)

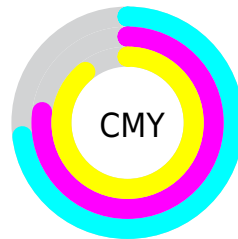


Cyan (0%)

Magenta (14%)

Yellow (58%)

Black (73%)



Cyan (73%)

Magenta (77%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.1704, -1.2984, 9.7669 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 21.1704, -1.2984, 9.7669 by changing the saturation by 10% instead.

■ 21.1704, -1.2984,
9.7669

■ 21.1704, -1.2984,
9.7669

■ 120.2926, -6.7259,
25.4253

■ 13.9525, -0.8917,
7.9366

■ 38.3261, -2.2524,
13.6819

■ 7.5910, -0.5651,
5.3137

■ 48.0927, -2.7903,
15.4833

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.5717, -3.3650,
17.2209

0.0000, NaN, NaN

■ 69.7175, -3.9745,
18.9126

0.0000, NaN, NaN

■ 81.4923, -4.6168,
20.5709

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.8642, -5.2904,

■ 106.8057, -5.9938,
23.8213

■ 21.1704, -1.2984,
9.7669

■ 21.1704, -1.2984,
9.7669

■ 20.6816, -1.0056,
10.5356

■ 21.6803, -1.5054,
8.7901

■ 20.2125, -0.6258,
11.0961

■ 22.2097, -1.6242,
7.6068

■ 19.7630, -0.1651,
11.4598

■ 22.7588, -1.6563,
6.2213

■ 19.3223, 0.3161,
11.7884

■ 23.3270, -1.6034,
4.6394

■ 19.2334, 0.4135,
11.8587

■ 23.9140, -1.4676,
2.8679

■ 24.5192, -1.2514,
0.9144

■ 25.1421, -0.9577,
-1.2133

■ 25.7822, -0.5895,
-3.5068

■ 26.4388, -0.1499,
-5.9580

Harmonies

Analogous

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



21.1709, 5.1402, 8.9712



21.1704, -1.2984, 9.7669



21.1709, -7.0075, 8.8796

Triad

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



21.1709, -1.2992, 9.7671



21.1709, -10.6027, -5.6719



21.1709, 10.5726, -5.3099

Complementary

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



21.1704, -1.2984, 9.7669



14.6351, 2.5189, -13.7470

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.



21.1709, 5.4664, -11.3980



21.1704, -1.2984, 9.7669



21.1709, -6.7473, -11.6466

Square

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



21.1709, -1.2992, 9.7671



21.1709, -11.9762, 0.9913



21.1709, -0.9618, -13.9975



21.1709, 12.4627, 1.3123

Rectangle

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



21.1704, -1.2984, 9.7669



21.1709, -9.7591, 7.2414



21.1709, -0.9618, -13.9975



21.1709, 9.1479, -7.5483

Sweetspot

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



21.1709, -1.2992, 9.7671



30.3331, -2.0798, 5.9648



15.1343, 11.9628, 2.0152



15.7558, -1.0871, 3.1897



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.



21.1709, -1.2992, 9.7671



26.5767, -1.0826, 14.0746



22.9668, -7.9103, 11.0126



12.9053, -0.7996, 1.6175



27.6679, 1.1510, 17.0690



67.1984, 4.8045, 41.4914

Inverse Universe

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



14.6351, 2.5189, -13.7470



16.2456, 5.6497, -24.5849



13.1902, 8.7233, -17.0274



12.3437, -0.5167, -0.3050



12.6439, 14.8372, -47.8331



29.0561, 43.1926, -129.5580

Previews

White Background



This preview shows how the HunterLab color 21.1704, -1.2984, 9.7669 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



This preview shows how the HunterLab color 21.1704, -1.2984, 9.7669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

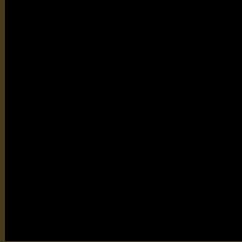
Any Text WCAG AA × Fail

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 21.1704, -1.2984, 9.7669 Background



This preview shows how black text looks on a background with the HunterLab color 21.1704, -1.2984, 9.7669.

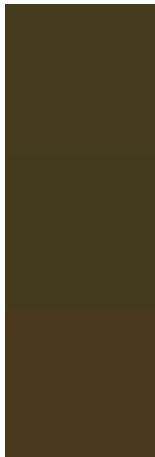


This preview shows how white text looks on a background with the HunterLab color 21.1704, -1.2984,

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

21.1704, -1.2984, 9.7669

Protanopia

21.1629, -2.5849, 9.7386

Deuteranopia

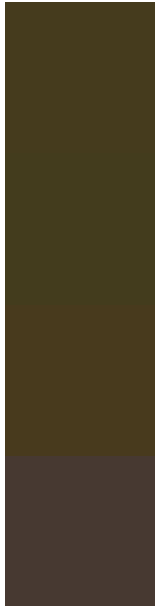
21.1443, 1.0619, 9.7882



Tritanopia

21.2892, 3.8471, 1.2800

Trichromacy



Original Color

21.1704, -1.2984, 9.7669

Protanomaly

21.2455, -2.2924, 9.8073

Deuteranomaly

21.1956, 0.0241, 9.8095

Tritanomaly

21.1840, 1.8237, 4.9528

Monochromacy



Original Color

21.1704, -1.2984, 9.7669

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

20.9716, -1.4001, 4.9925

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.1704, -1.2984, 9.7669 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(69, 59, 29)` looks like.

```
.text, #text, p{  
    color:rgb(69, 59, 29)  
}
```

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(69, 59, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 59, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 21.1704, -1.2984, 9.7669 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(69, 59, 29) }
```


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

```
.border{ border-color:rgb(69, 59, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 59, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 59, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 59, 29);  
box-shadow:4px 4px 4px 4px rgb(69, 59, 29)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.1704, -1.2984, 9.7669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 59, 29) }
```

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

```
.background{ background-color: rgb(69, 59,  
29) }
```

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