

Converting Colors

HunterLab(21.5645, -12.2073,
11.9719)

Have a look what the booklet for
HunterLab(21.5645, -12.2073,
11.9719) contains.

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Color

**HunterLab(21.5828,
-12.1214, 11.9457)**

Conversions

Conversions Part 1

Format	Color
Hex	2A440E
RGB	42, 68, 14
RGB Percent	16%, 27%, 5%
CMY	0.8353, 0.7333, 0.9451
CMYK	0.38, 0.00, 0.79, 0.73
HSL	89°, 66%, 16%
HSV	89°, 79%, 27%
XYZ	3.1012, 4.6582, 1.1511
YIQ	54.0700, 1.8380, -22.3060

Conversions

Conversions Part 2

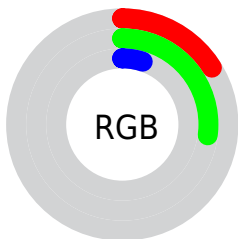
Format	Color
R_{YB}	14, 68, 40
Decimal	2769934
CIE Lab	25.74, -20.13, 28.07
CIE LCh	26, 34.541, 125.653
Yxy	4.6584, 0.3480, 0.5228
Android (android.graphics.Color)	4280960014 (0xFF2A440E)
YUV	54.0700, -19.7545, -10.5854
Hunter-Lab	21.5828, -12.1214, 11.9457

Details

The HunterLab color **21.5828, -12.1214, 11.9457** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **10.8752, 15.0384, -22.8523**, and the grayscale version is **19.2951, -1.0295, 1.0483**.

A 20% lighter version of the original color is **38.7178, -15.7639, 17.0353**, and **8.8536, -7.5920, 5.3226** is the 20% darker color. If you saturate the color by 10%, you get **21.3921, -12.9625, 12.3816**, and if you desaturate by 10%, it is **21.7990, -11.1671, 11.3334**.

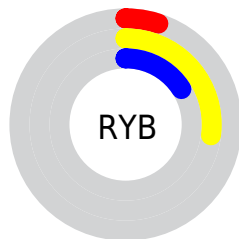
Distribution



Red (16%)

Green (27%)

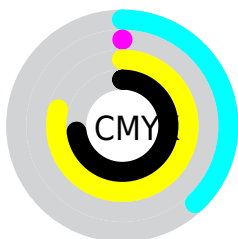
Blue (5%)



Red (5%)

Yellow (27%)

Blue (16%)

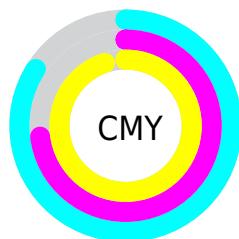


Cyan (38%)

Magenta (0%)

Yellow (79%)

Black (73%)



Cyan (84%)

Magenta (73%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.5828, -12.1214, 11.9457 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 21.5828, -12.1214, 11.9457 by changing the saturation by 10% instead.

■ 21.5828, -12.1214,
11.9457

■ 21.5828, -12.1214,
11.9457

■ 121.0269,
-27.5395, 32.1194

■ 14.3117, -9.9843,
10.0182

■ 38.8281, -15.9227,
17.1726

■ 7.9704, -11.4326,
5.5793

■ 48.6341, -17.6880,
19.5372

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.1497, -19.3986,
21.7918

0.0000, NaN, NaN

■ 70.3299, -21.0699,
23.9625

0.0000, NaN, NaN

■ 82.1373, -22.7127,
26.0682

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.5403, -24.3349,

■ 107.5114,
-25.9423, 30.1372

■ 21.5828, -12.1214,
11.9457

■ 21.5828, -12.1214,
11.9457

■ 21.3921, -12.9625,
12.3816

■ 21.7990, -11.1671,
11.3334

■ 21.2146, -13.7517,
12.7993

■ 22.0413, -10.0897,
10.5166

■ 21.2044, -13.7972,
12.8245

■ 22.3106, -8.8901,
9.4890

■ 22.6073, -7.5706,
8.2475

■ 22.9316, -6.1345,
6.7923

■ 23.2833, -4.5864,
5.1257

■ 23.6622, -2.9318,
3.2524

■ 24.0680, -1.1766,
1.1784

■ 24.5003, 0.6728,
-1.0885

Harmonies

Analogous

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



21.5833, -3.1914, 13.1870



21.5828, -12.1214, 11.9457



21.5833, -17.2030, 7.9173

Triad

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



21.5833, -12.1219, 11.9458



21.5833, -9.1776, -26.2626



21.5833, 24.1010, 3.0593

Complementary

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



21.5828, -12.1214, 11.9457



10.8752, 15.0384, -22.8523

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.



21.5833, 21.6196, -8.8410



21.5828, -12.1214, 11.9457



21.5833, 0.9644, -29.8457

Square

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



21.5833, -12.1219, 11.9458



21.5833, -15.7559, -14.0965



21.5833, 12.5678, -22.3125



21.5833, 18.7974, 9.9027

Rectangle

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



21.5828, -12.1214, 11.9457



21.5833, -18.4140, 2.6408



21.5833, 12.5678, -22.3125



21.5833, 24.1605, -0.4017

Sweetspot

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



21.5833, -12.1219, 11.9458



30.4323, -7.2093, 8.0242



16.5077, 5.6644, 8.7787



15.7945, -3.9383, 4.3750



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.



21.5833, -12.1219, 11.9458



27.9909, -18.0131, 16.6611



20.6750, -15.8335, 11.2710



12.2022, -1.4273, 1.5792



30.3565, -20.2378, 18.3512



75.6726, -52.1981, 45.7153

Inverse Universe

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



10.8752, 15.0384, -22.8523



11.7764, 24.2135, -40.1807



13.7723, 20.7541, -14.6948



11.5278, 0.1862, -0.3504



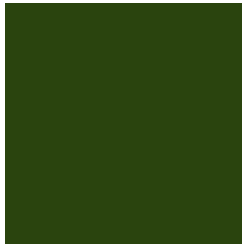
12.0726, 27.8080, -47.4953



29.3173, 68.6375, -123.9277

Previews

White Background



This preview shows how the HunterLab color 21.5828, -12.1214, 11.9457 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 21.5828, -12.1214, 11.9457 Background



This preview shows how black text looks on a background with the HunterLab color 21.5828, -12.1214, 11.9457.



This preview shows how white text looks on a background with the HunterLab color 21.5828,

-12.1214, 11.9457.

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

21.5828, -12.1214, 11.9457

Protanopia

21.5157, -2.8964, 12.2487

Deuteranopia

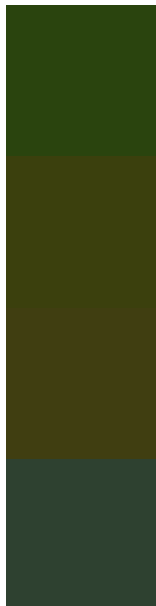
21.4700, 0.7636, 11.5418



Tritanopia

21.5066, -3.7111, -1.8894

Trichromacy



Original Color

21.5828, -12.1214, 11.9457

Protanomaly

21.5073, -6.8494, 12.0831

Deuteranomaly

21.3909, -4.5715, 11.6311

Tritanomaly

21.3889, -7.7999, 5.2918

Monochromacy



Original Color

21.5828, -12.1214, 11.9457

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.8810, -5.6515, 6.4273

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.5828, -12.1214, 11.9457 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(42, 68, 14)` looks like.

```
.text, #text, p{  
    color:rgb(42, 68, 14)  
}
```

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(42, 68, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 68, 14) }
```

Border

The CSS property to change the border of an element to HunterLab 21.5828, -12.1214, 11.9457 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(42, 68, 14) }
```


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

```
.border{ border-color:rgb(42, 68, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 68, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 68, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 68, 14);  
box-shadow:4px 4px 4px 4px rgb(42, 68, 14)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.5828, -12.1214, 11.9457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 68, 14) }
```

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

```
.background{ background-color: rgb(42, 68,  
14) }
```

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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