

Converting Colors

HunterLab(13.0213, -4.2317,
6.1417)

Have a look what the booklet for
HunterLab(13.0213, -4.2317, 6.1417)
contains.

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Color

**HunterLab(13.1239, -4.4498,
6.2888)**

Conversions

Conversions Part 1

Format	Color
Hex	20260D
RGB	32, 38, 13
RGB Percent	13%, 15%, 5%
CMY	0.8745, 0.8510, 0.9490
CMYK	0.16, 0.00, 0.66, 0.85
HSL	74°, 49%, 10%
HSV	74°, 66%, 15%
XYZ	1.3614, 1.7224, 0.6415
YIQ	33.3560, 4.4490, -9.0470

Conversions

Conversions Part 2

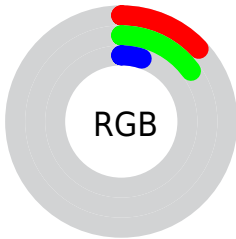
Format	Color
R_{YB}	13, 38, 19
Decimal	2106893
CIE Lab	13.96, -7.70, 14.89
CIE LCh	14, 16.761, 117.337
Yxy	1.7224, 0.3655, 0.4623
Android (android.graphics.Color)	4280296973 (0xFF20260D)
YUV	33.3560, -10.0355, -1.1892
Hunter-Lab	13.1239, -4.4498, 6.2888

Details

The HunterLab color **13.1239, -4.4498, 6.2888** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **7.5251, 4.9154, -9.7256**, and the grayscale version is **12.4743, -0.6656, 0.6778**.

A 20% lighter version of the original color is **28.3722, -6.4445, 9.5516**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **13.0351, -4.8550, 6.7455**, and if you desaturate by 10%, it is **13.2214, -4.0043, 5.7352**.

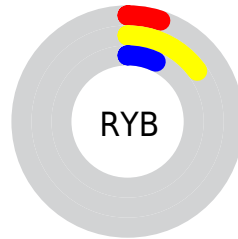
Distribution



Red (13%)

Green (15%)

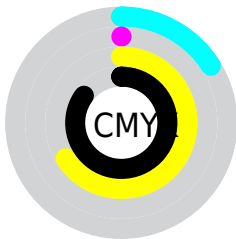
Blue (5%)



Red (5%)

Yellow (15%)

Blue (7%)

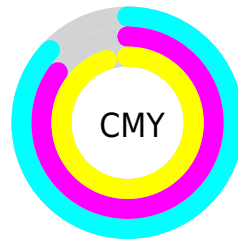


Cyan (16%)

Magenta (0%)

Yellow (66%)

Black (85%)



Cyan (87%)

Magenta (85%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.1239, -4.4498, 6.2888 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 13.1239, -4.4498, 6.2888 by changing the saturation by 10% instead.

■ 13.1239, -4.4498,
6.2888

■ 13.1239, -4.4498,
6.2888

■ 105.1609,
-13.4666, 19.3558

■ 6.6191, -5.4207,
4.6334

■ 28.2628, -6.4699,
9.4589

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 37.1603, -7.4518,
10.9671

0.0000, NaN, NaN

■ 46.8344, -8.4323,
12.4208

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.2272, -9.4175,
13.8390

0.0000, NaN, NaN

■ 68.2919, -10.4115,
15.2342

0.0000, NaN, NaN

■ 79.9901, -11.4166,

0.0000, NaN, NaN

16.6150

■ 92.2892, -12.4346,
17.9874

■ 13.1239, -4.4498,
6.2888

■ 13.1239, -4.4498,
6.2888

■ 13.0351, -4.8550,
6.7455

■ 13.2214, -4.0043,
5.7352

■ 12.9492, -5.2468,
7.1773

■ 13.3270, -3.5160,
5.0798

■ 12.8642, -5.6381,
7.6164

■ 13.4412, -2.9852,
4.3212

■ 12.8287, -5.8028,
7.8034

■ 13.5643, -2.4120,
3.4586

■ 13.6961, -1.7971,
2.4921

■ 13.8369, -1.1410,
1.4224

■ 13.9866, -0.4449,
0.2507

■ 14.1451, 0.2902,
-1.0212

■ 14.3126, 1.0630,
-2.3911

Harmonies

Analogous

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



13.1242, -0.2957, 6.8744



13.1239, -4.4498, 6.2888



13.1242, -7.2319, 4.4318

Triad

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



13.1242, -4.4502, 6.2889



13.1242, -5.0603, -8.2992



13.1242, 9.1319, 0.3254

Complementary

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



13.1239, -4.4498, 6.2888



7.5251, 4.9154, -9.7256

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.



13.1242, 7.4253, -4.5622



13.1239, -4.4498, 6.2888



13.1242, -1.1014, -10.4843

Square

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



13.1242, -4.4502, 6.2889



13.1242, -7.5493, -3.6659



13.1242, 3.5229, -8.9277



13.1242, 7.9236, 3.9658

Rectangle

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



13.1239, -4.4498, 6.2888



13.1242, -8.1346, 2.3969



13.1242, 3.5229, -8.9277



13.1242, 8.8754, -1.2254

Sweetspot

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



13.1242, -4.4502, 6.2889



16.9692, -2.6620, 3.7758



9.4937, 4.1077, 3.5438



9.7966, -1.5351, 2.1773



56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

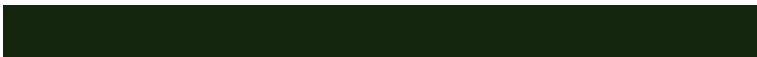
The Same Dimension uses a secret algorithm to generate beautiful new colors.



13.1242, -4.4502, 6.2889



16.1545, -6.4158, 8.7697



12.4925, -6.8935, 5.7699



7.6711, -0.7040, 0.9061



26.4556, -12.7326, 16.0789



72.8091, -36.4486, 44.2265

Inverse Universe

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



7.5251, 4.9154, -9.7256



7.6166, 8.4416, -17.3073



8.5108, 7.5267, -7.3992



7.2818, -0.0840, -0.1218



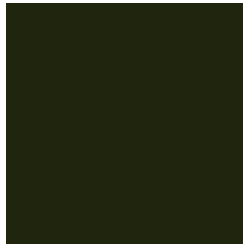
8.6461, 21.7822, -48.4858



23.0030, 59.4267, -140.4309

Previews

White Background



This preview shows how the HunterLab color 13.1239, -4.4498, 6.2888 looks on a white background.

Color Contrast Check

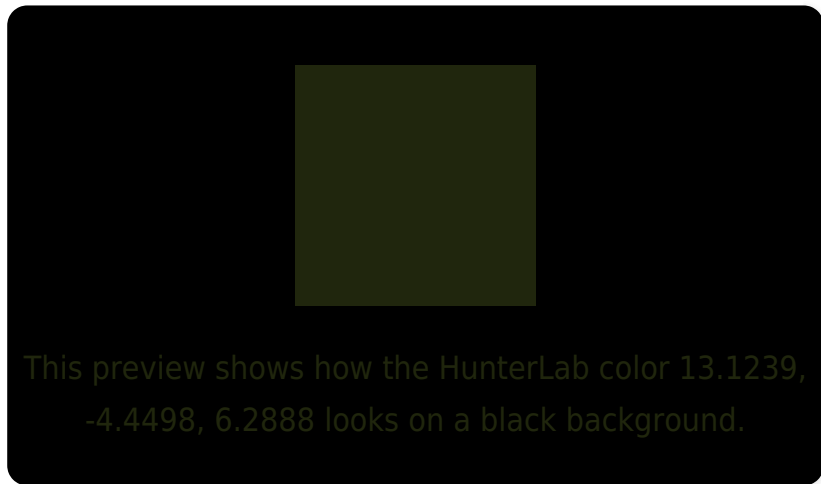
Large Text (above 18pt) WCAG AA ✓ Pass

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

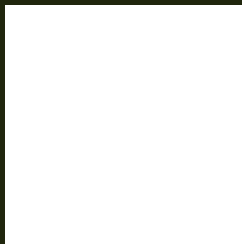
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 13.1239, -4.4498, 6.2888 Background



This preview shows how black text looks on a background with the HunterLab color 13.1239, -4.4498, 6.2888.

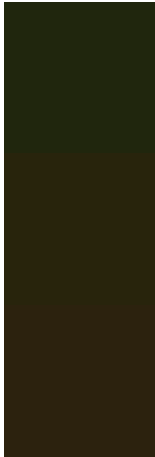


This preview shows how white text looks on a background with the HunterLab color 13.1239, -4.4498, 6.2888.

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

13.1239, -4.4498, 6.2888

Protanopia

13.1887, -1.8000, 6.5316

Deuteranopia

13.0814, 0.1681, 6.1806



Tritanopia

13.2628, -0.6819, -0.0369

Trichromacy



Original Color

13.1239, -4.4498, 6.2888

Protanomaly

13.2023, -2.9466, 6.5215

Deuteranomaly

12.9803, -1.3267, 6.0775

Tritanomaly

13.2360, -2.3539, 2.9079

Monochromacy



Original Color

13.1239, -4.4498, 6.2888

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.6490, -2.1721, 3.1754

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.1239, -4.4498, 6.2888 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(32, 38, 13)` looks like.

```
.text, #text, p{  
    color:rgb(32, 38, 13)  
}
```

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(32, 38, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 38, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 13.1239, -4.4498, 6.2888 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(32, 38, 13) }
```


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

```
.border{ border-color:rgb(32, 38, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 38, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 38, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 38, 13);  
box-shadow:4px 4px 4px 4px rgb(32, 38, 13)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.1239, -4.4498, 6.2888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 38, 13) }
```

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

```
.background{ background-color: rgb(32, 38,  
13) }
```

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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