

Converting Colors

HunterLab(12.8983, -5.7526,
4.0140)

Have a look what the booklet for
HunterLab(12.8983, -5.7526, 4.0140)
contains.

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Color

**HunterLab(13.0194, -5.8721,
4.2282)**

Conversions

Conversions Part 1

Format	Color
Hex	172717
RGB	23, 39, 23
RGB Percent	9%, 15%, 9%
CMY	0.9098, 0.8471, 0.9098
CMYK	0.41, 0.00, 0.41, 0.85
HSL	120°, 26%, 12%
HSV	120°, 41%, 15%
XYZ	1.2335, 1.6950, 1.0728
YIQ	32.3920, -4.4000, -8.3680

Conversions

Conversions Part 2

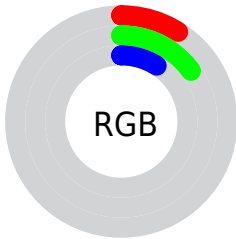
Format	Color
RYB	23, 39, 39
Decimal	1517335
CIELab	13.80, -10.94, 8.50
CIElCh	14, 13.854, 142.152
Yxy	1.6951, 0.3083, 0.4236
Android (android.graphics.Color)	4279707415 (0xFF172717)
YUV	32.3920, -4.6303, -8.2368
Hunter-Lab	13.0194, -5.8721, 4.2282

Details

The HunterLab color **13.0194, -5.8721, 4.2282** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **10.9116, 5.5957, -3.6082**, and the grayscale version is **12.1564, -0.6486, 0.6605**.

A 20% lighter version of the original color is **28.0931, -8.4953, 6.2842**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.7981, -6.8528, 4.8911**, and if you desaturate by 10%, it is **13.2719, -4.7786, 3.4891**.

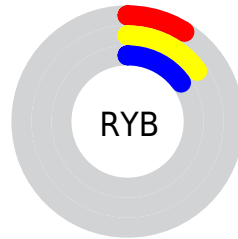
Distribution



Red (9%)

Green (15%)

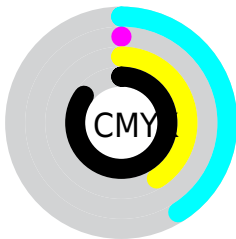
Blue (9%)



Red (9%)

Yellow (15%)

Blue (15%)

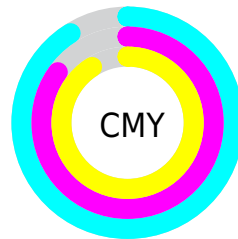


Cyan (41%)

Magenta (0%)

Yellow (41%)

Black (85%)



Cyan (91%)

Magenta (85%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.0194, -5.8721, 4.2282 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 13.0194, -5.8721, 4.2282 by changing the saturation by 10% instead.

■ 13.0194, -5.8721,
4.2282

■ 13.0194, -5.8721,
4.2282

■ 104.9516,
-16.6841, 13.7380

■ 6.4846, -7.6974,
4.5392

■ 28.1277, -8.4330,
6.4078

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 37.0123, -9.6377,
7.4506

0.0000, NaN, NaN

■ 46.6746, -10.8207,
8.4851

0.0000, NaN, NaN

■ 57.0563, -11.9929,
9.5195

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.1107, -13.1613,
10.5591

0.0000, NaN, NaN

■ 79.7990, -14.3306,

0.0000, NaN, NaN

11.6073

■ 92.0887, -15.5041,
12.6664

■ 13.0194, -5.8721,
4.2282

■ 13.0194, -5.8721,
4.2282

■ 12.7981, -6.8528,
4.8911

■ 13.2719, -4.7786,
3.4891

■ 12.6072, -7.7130,
5.4726

■ 13.5543, -3.5800,
2.6791

■ 12.4466, -8.4481,
5.9696

■ 13.8664, -2.2859,
1.8047

■ 12.3088, -9.0874,
6.4019

■ 14.2075, -0.9062,
0.8726

■ 12.1711, -9.7348,
6.8397

■ 14.5765, 0.5493,
-0.1105

■ 12.0462, -10.3295,
7.2418

■ 14.9724, 2.0709,
-1.1380

■ 15.3940, 3.6495,
-2.2039

■ 15.8403, 5.2768,
-3.3025

■ 16.3100, 6.9452,
-4.4285

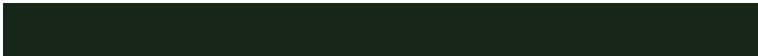
Harmonies

Analogous

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



13.0197, -3.2824, 5.6246



13.0194, -5.8721, 4.2282



13.0197, -7.0464, 1.6033

Triad

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



13.0197, -5.8723, 4.2283



13.0197, -1.6570, -7.9863



13.0197, 6.6079, 3.0206

Complementary

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



13.0194, -5.8721, 4.2282



10.9116, 5.5957, -3.6082

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.



13.0197, 7.1687, -0.2543



13.0194, -5.8721, 4.2282



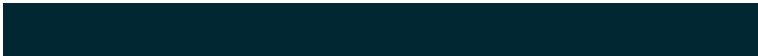
13.0197, 2.1108, -7.2923

Square

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



13.0197, -5.8723, 4.2283



13.0197, -4.7970, -5.8846



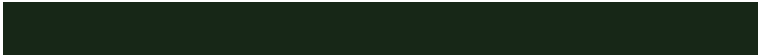
13.0197, 5.4430, -4.1913



13.0197, 3.9867, 5.0224

Rectangle

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



13.0194, -5.8721, 4.2282



13.0197, -6.9719, -0.8054



13.0197, 5.4430, -4.1913



13.0197, 7.0546, 2.0603

Sweetspot

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



13.0197, -5.8723, 4.2283



17.6391, -3.2207, 2.5085



13.9439, -2.4227, 5.1030



9.7174, -1.7241, 1.3478



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.



13.0197, -5.8723, 4.2283



16.3157, -8.8964, 6.3443



13.1613, -5.0452, 2.1817



8.3156, -1.1222, 0.9132



25.2269, -21.6320, 15.1658



68.4925, -58.7322, 41.1764

Inverse Universe

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



10.9116, 5.5957, -3.6082



12.9694, 9.4046, -6.1612



10.6915, 4.5044, -0.5221



8.0577, 0.2703, -0.0384



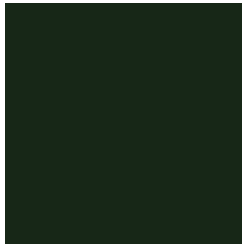
15.9190, 31.2972, -20.9948



43.2210, 84.9735, -57.0017

Previews

White Background



This preview shows how the HunterLab color 13.0194, -5.8721, 4.2282 looks on a white background.

Color Contrast Check

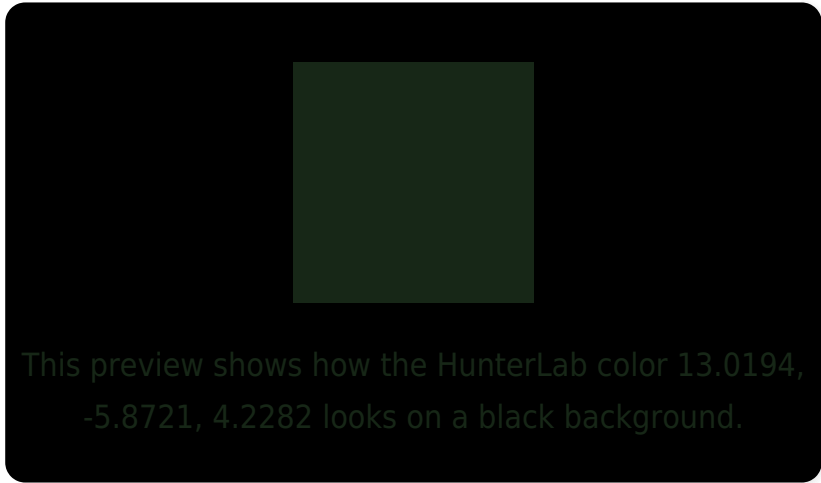
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.0194, -5.8721, 4.2282 Background



This preview shows how black text looks on a background with the HunterLab color 13.0194, -5.8721, 4.2282.

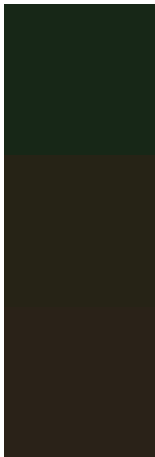


This preview shows how white text looks on a background with the HunterLab color 13.0194, -5.8721,

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

13.0194, -5.8721, 4.2282

Protanopia

12.9308, -1.2989, 4.4648

Deuteranopia

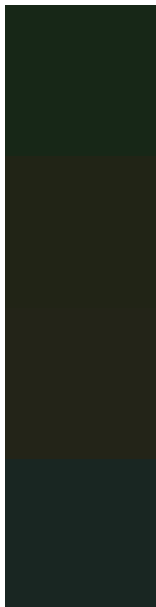
13.0470, 0.3130, 4.1180



Tritanopia

13.0229, -2.6334, -1.1611

Trichromacy



Original Color

13.0194, -5.8721, 4.2282

Protanomaly

12.8180, -2.8952, 4.3367

Deuteranomaly

12.9809, -2.2428, 4.0125

Tritanomaly

13.0706, -3.9897, 1.1193

Monochromacy



Original Color

13.0194, -5.8721, 4.2282

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

12.4579, -2.7518, 2.0962

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.0194, -5.8721, 4.2282 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(23, 39, 23)` looks like.

```
.text, #text, p{  
    color:rgb(23, 39, 23)  
}
```

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(23, 39, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 39, 23) }
```

Border

The CSS property to change the border of an element to HunterLab 13.0194, -5.8721, 4.2282 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(23, 39, 23) }
```


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

```
.border{ border-color:rgb(23, 39, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 39, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 39, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 39, 23);  
box-shadow:4px 4px 4px 4px rgb(23, 39, 23)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.0194, -5.8721, 4.2282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 39, 23) }
```

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

```
.background{ background-color: rgb(23, 39,  
23) }
```

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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