

Converting Colors

HunterLab(24.7560, -17.1283,
13.8825)

Have a look what the booklet for
HunterLab(24.7560, -17.1283,
13.8825) contains.

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Color

**HunterLab(24.7222,
-17.1659, 13.8494)**

Conversions

Conversions Part 1

Format	Color
Hex	22500F
RGB	34, 80, 15
RGB Percent	13%, 31%, 6%
CMY	0.8667, 0.6863, 0.9412
CMYK	0.58, 0.00, 0.81, 0.69
HSL	102°, 68%, 19%
HSV	102°, 81%, 31%
XYZ	3.6146, 6.1119, 1.4411
YIQ	58.8360, -6.5510, -29.9670

Conversions

Conversions Part 2

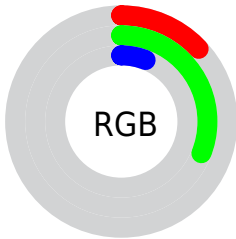
Format	Color
R_{YB}	15, 80, 61
Decimal	2248719
CIE _{Lab}	29.69, -28.81, 31.47
CIE _{LCh}	30, 42.668, 132.473
Yxy	6.1121, 0.3237, 0.5473
Android (android.graphics.Color)	4280438799 (0xFF22500F)
YUV	58.8360, -21.6111, -21.7812
Hunter-Lab	24.7222, -17.1659, 13.8494

Details

The HunterLab color $[24.7222, -17.1659, 13.8494]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[13.8315, 21.5254, -23.6343]$, and the grayscale version is $[20.9305, -1.1168, 1.1372]$.

A 20% lighter version of the original color is $[42.6590, -22.3142, 19.5614]$, and $[11.2328, -9.6321, 6.7530]$ is the 20% darker color. If you saturate the color by 10%, you get $[24.5042, -18.1493, 14.2952]$, and if you desaturate by 10%, it is $[24.9876, -15.9725, 13.1940]$.

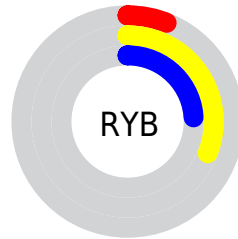
Distribution



Red (13%)

Green (31%)

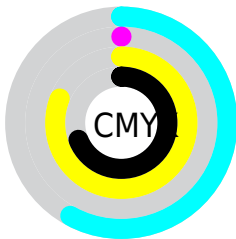
Blue (6%)



Red (6%)

Yellow (31%)

Blue (24%)

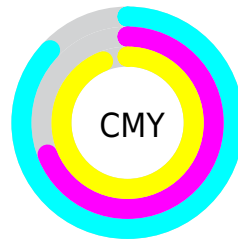


Cyan (58%)

Magenta (0%)

Yellow (81%)

Black (69%)



Cyan (87%)

Magenta (69%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.7222, -17.1659, 13.8494 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 24.7222, -17.1659, 13.8494 by changing the saturation by 10% instead.

■ 24.7222, -17.1659,
13.8494

■ 24.7222, -17.1659,
13.8494

■ 126.5180,
-36.9411, 35.6129

■ 17.0686, -14.3241,
11.3451

■ 42.6185, -22.1778,
19.4719

■ 10.4244, -12.8205,
7.2971

■ 52.7111, -24.4762,
22.0278

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.4944, -26.6840,
24.4666

0.0000, NaN, NaN

■ 74.9269, -28.8226,
26.8142


0.0000, NaN, NaN


■ 86.9733, -30.9075,
29.0898


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 99.6041, -32.9501,


 112.7932,
-34.9590, 33.4792


 24.7222, -17.1659,
13.8494


 24.7222, -17.1659,
13.8494


 24.5042, -18.1493,
14.2952


 24.9876, -15.9725,
13.1940

 24.3398, -18.8999,
14.6672

 25.3017, -14.5585,
12.2979

 25.6661, -12.9273,
11.1545

 26.0813, -11.0854,
9.7630

 26.5473, -9.0429,
8.1269

■ 27.0636, -6.8120,
6.2540

■ 27.6294, -4.4067,
4.1547

■ 28.2437, -1.8419,
1.8419

■ 28.9050, 0.8671,
-0.6704

Harmonies

Analogous

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



24.7227, -6.9369, 15.7072



24.7222, -17.1659, 13.8494



24.7227, -22.3149, 7.9507

Triad

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



24.7227, -17.1663, 13.8495



24.7227, -9.0061, -38.3516



24.7227, 31.3235, 6.3169

Complementary

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



24.7222, -17.1659, 13.8494



13.8315, 21.5254, -23.6343

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.



24.7227, 30.4140, -7.8068



24.7222, -17.1659, 13.8494



24.7227, 4.8469, -39.7238

Square

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



24.7227, -17.1663, 13.8495



24.7227, -18.3857, -23.3489



24.7227, 19.9107, -26.4399



24.7227, 22.1706, 13.2330

Rectangle

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



24.7222, -17.1659, 13.8494



24.7227, -23.0860, 0.2005



24.7227, 19.9107, -26.4399



24.7227, 32.2342, 2.4387

Sweetspot

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



24.7227, -17.1663, 13.8495



35.4953, -10.0937, 9.1929



22.4155, 0.8828, 12.6322



18.0023, -5.4623, 4.9523



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



24.7227, -17.1663, 13.8495



32.1532, -24.9398, 19.2099



24.3372, -18.5665, 11.9947



14.5406, -1.9783, 1.8821



32.0877, -25.2366, 19.3305



76.7880, -61.7537, 46.2353

Inverse Universe

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



13.8315, 21.5254, -23.6343



16.0342, 32.6708, -38.5192



15.6605, 23.7993, -10.0386



13.8122, 0.5063, -0.4068



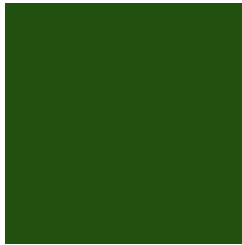
15.7042, 33.3295, -39.7401



37.0751, 79.2139, -97.9157

Previews

White Background



This preview shows how the HunterLab color 24.7222, -17.1659, 13.8494 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

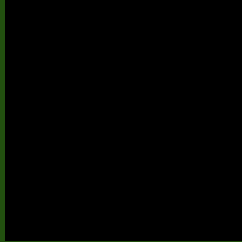
Any Text WCAG AA × Fail

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 24.7222, -17.1659, 13.8494 Background



This preview shows how black text looks on a background with the HunterLab color 24.7222, -17.1659, 13.8494.



This preview shows how white text looks on a background with the HunterLab color 24.7222,

-17.1659, 13.8494.

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

24.7222, -17.1659, 13.8494

Protanopia

24.6356, -3.3993, 14.2837

Deuteranopia

24.4553, 1.1692, 13.2494



Tritanopia

24.6122, -6.6386, -3.2330

Trichromacy



Original Color

24.7222, -17.1659, 13.8494

Protanomaly

24.4609, -9.4481, 13.9844

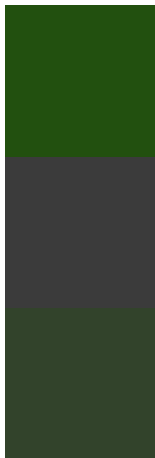
Deuteranomaly

24.0467, -6.7875, 13.1796

Tritanomaly

24.3857, -11.5430, 5.7277

Monochromacy



Original Color

24.7222, -17.1659, 13.8494

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

22.0609, -8.1949, 7.3079

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.7222, -17.1659, 13.8494 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(34, 80, 15)` looks like.

```
.text, #text, p{  
    color:rgb(34, 80, 15)  
}
```

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(34, 80, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 80, 15) }
```

Border

The CSS property to change the border of an element to HunterLab 24.7222, -17.1659, 13.8494 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(34, 80, 15) }
```


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

```
.border{ border-color:rgb(34, 80, 15) }
```

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

Here you see how a box with a 4 pixel rgb(34, 80, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 80, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 80, 15);  
box-shadow:4px 4px 4px 4px rgb(34, 80, 15)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.7222, -17.1659, 13.8494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 80, 15) }
```

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

```
.background{ background-color: rgb(34, 80,  
15) }
```

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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