

Converting Colors

HunterLab(25.2492, -9.6894,
12.4101)

Have a look what the booklet for
HunterLab(25.2492, -9.6894,
12.4101) contains.

HunterLab(25.1487, -9.3613, 12.2764)	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(25.1487, -9.3613,
12.2764)**

Conversions

Conversions Part 1

Format	Color
Hex	3F4C1F
RGB	63, 76, 31
RGB Percent	25%, 30%, 12%
CMY	0.7529, 0.7020, 0.8784
CMYK	0.17, 0.00, 0.59, 0.70
HSL	77°, 42%, 21%
HSV	77°, 59%, 30%
XYZ	4.8817, 6.3246, 2.2598
YIQ	66.9830, 6.6970, -16.7510

Conversions

Conversions Part 2

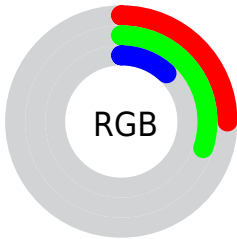
Format	Color
RYB	31, 76, 44
Decimal	4148255
CIELab	30.22, -13.35, 24.72
CIELCh	30, 28.099, 118.378
Yxy	6.3249, 0.3625, 0.4697
Android (android.graphics.Color)	4282338335 (0xFF3F4C1F)
YUV	66.9830, -17.7396, -3.4931
Hunter-Lab	25.1487, -9.3613, 12.2764

Details

The HunterLab color $[25.1487, -9.3613, 12.2764]$ is a dark color, and the websafe version is hex 333300 . A complement of this color would be $[14.2739, 10.4543, -19.4241]$, and the grayscale version is $[23.7445, -1.2669, 1.2901]$.

A 20% lighter version of the original color is $[43.1831, -12.0985, 16.7574]$, and $[10.8235, -5.9937, 6.5644]$ is the 20% darker color. If you saturate the color by 10%, you get $[24.9370, -10.3140, 13.2077]$, and if you desaturate by 10%, it is $[25.3841, -8.2978, 11.0934]$.

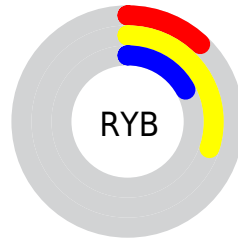
Distribution



Red (25%)

Green (30%)

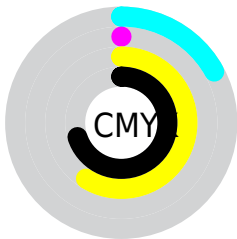
Blue (12%)



Red (12%)

Yellow (30%)

Blue (17%)

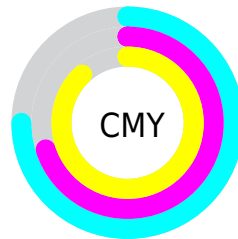


Cyan (17%)

Magenta (0%)

Yellow (59%)

Black (70%)



Cyan (75%)

Magenta (70%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.1487, -9.3613, 12.2764 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 25.1487, -9.3613, 12.2764 by changing the saturation by 10% instead.

■ 25.1487, -9.3613,
12.2764

■ 25.1487, -9.3613,
12.2764

127.2516,
-21.1960, 30.2337

■ 17.4459, -7.8968,
9.8038

■ 43.1295, -12.1018,
16.8010

■ 10.7450, -6.3590,
7.5215

■ 53.2594, -13.4224,
18.8824

■ 1.5524, -2.7167,
1.0867

■ 64.0778, -14.7266,
20.8846

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 75.5432, -16.0218,
22.8271

0.0000, NaN, NaN

■ 87.6210, -17.3130,
24.7240

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.2816,

-18.6041, 26.5857

0.0000, NaN, NaN

113.4993,
-19.8977, 28.4202

25.1487, -9.3613,
12.2764

25.1487, -9.3613,
12.2764

24.9370, -10.3140,
13.2077

25.3841, -8.2978,
11.0934

24.7464, -11.1564,
13.8974

25.6422, -7.1204,
9.6510

24.5760, -11.8961,
14.3672

25.9238, -5.8303,
7.9457

24.4146, -12.5976,
14.7817

26.2295, -4.4289,
5.9765

24.4021, -12.6525,
14.8149

26.5592, -2.9187,
3.7449

■ 26.9130, -1.3030,
1.2545

■ 27.2908, 0.4144,
-1.4890

■ 27.6924, 2.2289,
-4.4788

■ 28.1176, 4.1360,
-7.7066

Harmonies

Analogous

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



25.1493, -0.8302, 13.1966



25.1487, -9.3613, 12.2764



25.1493, -14.9446, 8.8116

Triad

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



25.1493, -9.3620, 12.2766



25.1493, -10.1266, -18.0867



25.1493, 19.3682, 0.8780

Complementary

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



25.1487, -9.3613, 12.2764



14.2739, 10.4543, -19.4241

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.



25.1493, 15.9511, -9.4034



25.1487, -9.3613, 12.2764



25.1493, -1.8522, -22.5612

Square

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



25.1493, -9.3620, 12.2766



25.1493, -15.3384, -8.2386



25.1493, 7.8260, -18.9148



25.1493, 16.5945, 8.2403

Rectangle

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



25.1487, -9.3613, 12.2764



25.1493, -16.6970, 4.5889



25.1493, 7.8260, -18.9148



25.1493, 18.8969, -2.3425

Sweetspot

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



25.1493, -9.3620, 12.2766



34.6496, -5.7462, 7.7444



18.4890, 7.4150, 7.3653



17.7253, -3.1180, 4.2182



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



25.1493, -9.3620, 12.2766



32.8046, -14.1342, 17.8844



23.9467, -14.0545, 11.2999



13.8428, -1.4760, 1.8836



33.0164, -17.4285, 20.0395



80.0764, -43.6107, 48.5792

Inverse Universe

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



14.2739, 10.4543, -19.4241



15.6186, 18.2392, -35.2966



16.3368, 15.7536, -14.4737



12.9489, 0.0766, -0.5130



11.0790, 27.6317, -59.9606



26.1805, 66.5493, -151.4092

Previews

White Background



This preview shows how the HunterLab color 25.1487, -9.3613, 12.2764 looks on a white background.

Color Contrast Check

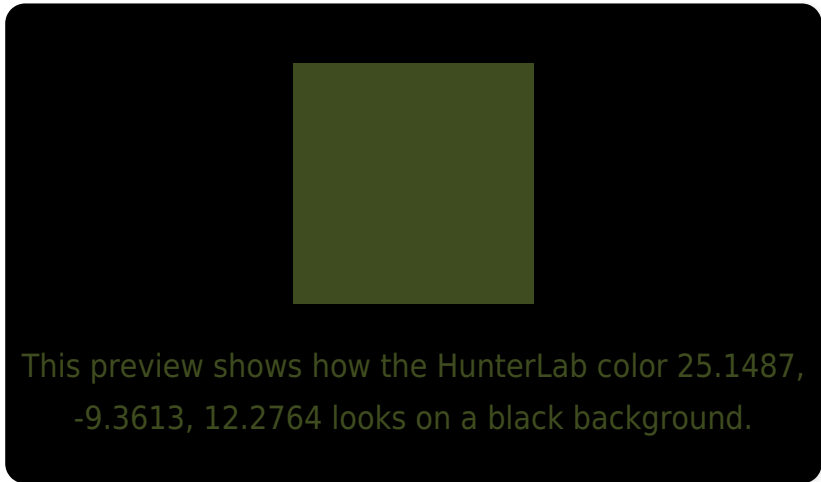
Large Text (above 18pt) WCAG AA ✓ Pass

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

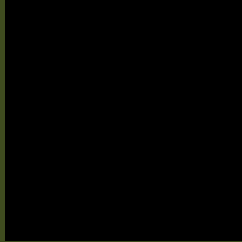
Any Text WCAG AA × Fail

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 25.1487, -9.3613, 12.2764 Background



This preview shows how black text looks on a background with the HunterLab color 25.1487, -9.3613, 12.2764.



This preview shows how white text looks on a background with the HunterLab color 25.1487, -9.3613,

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

25.1487, -9.3613, 12.2764

Protanopia

25.0249, -3.0504, 12.4567

Deuteranopia

25.1371, 1.2163, 12.1169



Tritanopia

25.0424, -1.2231, -1.2136

Trichromacy



Original Color

25.1487, -9.3613, 12.2764

Protanomaly

25.0505, -5.6129, 12.4306

Deuteranomaly

25.0460, -2.9336, 12.1470

Tritanomaly

24.9992, -4.8705, 5.1803

Monochromacy



Original Color

25.1487, -9.3613, 12.2764

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

24.0934, -4.3586, 6.1815

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.1487, -9.3613, 12.2764 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(63, 76, 31)` looks like.

```
.text, #text, p{  
    color:rgb(63, 76, 31)  
}
```

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(63, 76, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 76, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 25.1487, -9.3613, 12.2764 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(63, 76, 31) }
```


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

```
.border{ border-color:rgb(63, 76, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 76, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 76, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 76, 31);  
box-shadow:4px 4px 4px 4px rgb(63, 76, 31)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 25.1487, -9.3613, 12.2764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 76, 31) }
```

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

```
.background{ background-color: rgb(63, 76,  
31) }
```

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