

Converting Colors

HunterLab(25.3972, -15.2199,
11.3485)

Have a look what the booklet for
HunterLab(25.3972, -15.2199,
11.3485) contains.

HunterLab(25.4752, -15.2173, 11.3578)	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(25.4752,
-15.2173, 11.3578)**

Conversions

Conversions Part 1

Format	Color
Hex	295125
RGB	41, 81, 37
RGB Percent	16%, 32%, 15%
CMY	0.8392, 0.6823, 0.8549
CMYK	0.49, 0.00, 0.54, 0.68
HSL	115°, 37%, 23%
HSV	115°, 54%, 32%
XYZ	4.1908, 6.4899, 2.7821
YIQ	64.0240, -9.7160, -22.1640

Conversions

Conversions Part 2

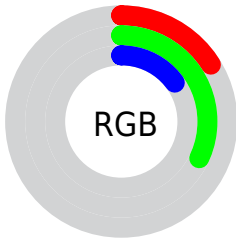
Format	Color
R_YB	37, 81, 77
Decimal	2707749
CIE _{Lab}	30.62, -24.29, 21.47
CIE _{LCh}	31, 32.417, 138.534
Y _{xy}	6.4901, 0.3113, 0.4821
Android (android.graphics.Color)	4280897829 (0xFF295125)
Y _{UV}	64.0240, -13.3228, -20.1920
Hunter-Lab	25.4752, -15.2173, 11.3578

Details

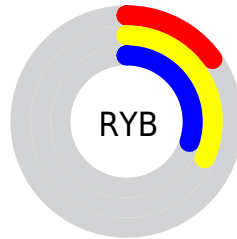
The HunterLab color $[25.4752, -15.2173, 11.3578]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[18.6955, 17.0044, -12.8711]$, and the grayscale version is $[22.6990, -1.2112, 1.2333]$.

A 20% lighter version of the original color is $[43.5672, -19.7127, 15.3638]$, and $[11.2328, -9.6321, 6.7530]$ is the 20% darker color. If you saturate the color by 10%, you get $[25.1143, -16.8642, 12.4510]$, and if you desaturate by 10%, it is $[25.9088, -13.2739, 10.0278]$.

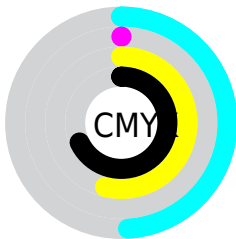
Distribution



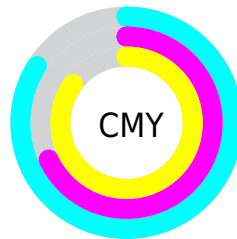
- Red (16%)
- Green (32%)
- Blue (15%)



- Red (15%)
- Yellow (32%)
- Blue (30%)



- Cyan (49%)
- Magenta (0%)
- Yellow (54%)
- Black (68%)



- Cyan (84%)
- Magenta (68%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.4752, -15.2173, 11.3578 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 25.4752, -15.2173, 11.3578 by changing the saturation by 10% instead.

■ 25.4752, -15.2173,
11.3578

■ 25.4752, -15.2173,
11.3578

127.8113,
-32.5703, 27.5221

■ 17.7351, -12.8117,
9.1232

■ 43.5200, -19.5230,
15.3607

■ 10.9912, -10.7228,
7.6939

■ 53.6783, -21.5215,
17.2188

■ 2.6131, -4.5730,
1.8292

■ 64.5233, -23.4539,
19.0161

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 76.0137, -25.3368,
20.7687

0.0000, NaN, NaN

■ 88.1153, -27.1820,
22.4880

0.0000, NaN, NaN

■ 100.7987,

0.0000, NaN, NaN

-28.9984, 24.1826

0.0000, NaN, NaN

114.0381,
-30.7928, 25.8590

25.4752, -15.2173,
11.3578

25.4752, -15.2173,
11.3578

25.1143, -16.8642,
12.4510

25.9088, -13.2739,
10.0278

24.8229, -18.2064,
13.3055

26.4140, -11.0464,
8.4678

24.5987, -19.2459,
13.9271

26.9909, -8.5540,
6.6901

24.4338, -20.0167,
14.3850

27.6386, -5.8193,
4.7102

24.3570, -20.3848,
14.6518

28.3552, -2.8671,
2.5460

■ 29.1385, 0.2774,
0.2161

■ 29.9860, 3.5890,
-2.2603

■ 30.8947, 7.0440,
-4.8649

■ 31.8618, 10.6204,
-7.5804

Harmonies

Analogous

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



25.4757, -7.6750, 13.9590



25.4752, -15.2173, 11.3578



25.4757, -18.7917, 5.0339

Triad

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



25.4757, -15.2177, 11.3580



25.4757, -5.3873, -26.8409



25.4757, 21.6623, 6.9359

Complementary

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



25.4752, -15.2173, 11.3578



18.6955, 17.0044, -12.8711

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.



25.4757, 22.5535, -2.8949



25.4752, -15.2173, 11.3578



25.4757, 5.6356, -25.6162

Square

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



25.4757, -15.2177, 11.3580



25.4757, -13.7858, -18.4862



25.4757, 16.2866, -15.6233



25.4757, 14.0242, 12.2458

Rectangle

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



25.4752, -15.2173, 11.3578



25.4757, -18.9233, -1.7466



25.4757, 16.2866, -15.6233



25.4757, 22.8032, 4.1665

Sweetspot

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



25.4757, -15.2177, 11.3580



35.8527, -8.4112, 6.7410



26.7118, -4.2884, 12.4994



18.2098, -4.4896, 3.5826



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.



25.4757, -15.2177, 11.3580



32.6364, -22.5473, 16.5966



25.5939, -14.2027, 7.2647



14.4876, -2.1677, 1.8203



31.7381, -26.7188, 19.0891



76.0932, -64.7081, 45.7555

Inverse Universe

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



18.6955, 17.0044, -12.8711



22.1948, 27.5337, -21.2200



18.5365, 15.3587, -3.5395



13.8717, 0.7075, -0.3283



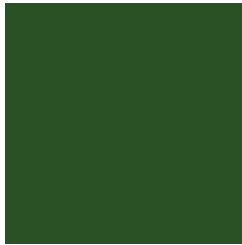
18.5637, 37.2352, -30.2076



44.3529, 89.0978, -73.2147

Previews

White Background



This preview shows how the HunterLab color 25.4752, -15.2173, 11.3578 looks on a white background.

Color Contrast Check

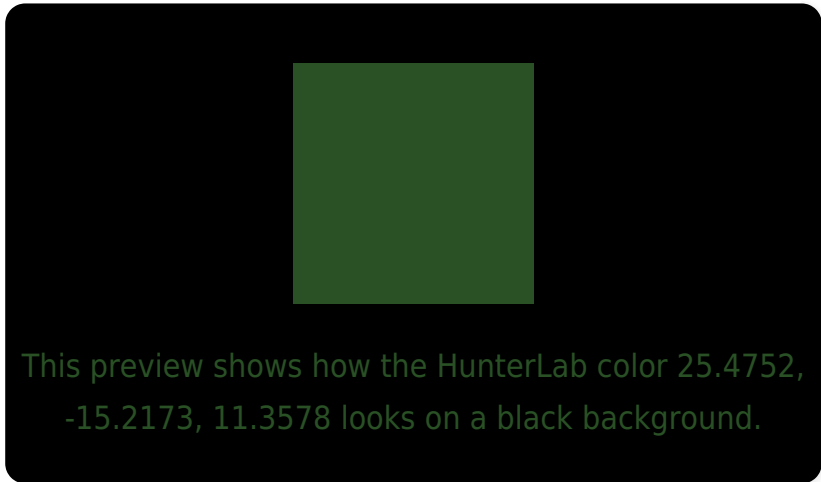
Large Text (above 18pt) WCAG AA ✓ Pass

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

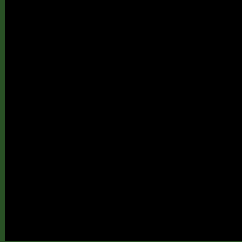
Any Text WCAG AA × Fail

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 25.4752, -15.2173, 11.3578 Background



This preview shows how black text looks on a background with the HunterLab color 25.4752, -15.2173, 11.3578.



This preview shows how white text looks on a background with the HunterLab color 25.4752,

-15.2173, 11.3578.

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

25.4752, -15.2173, 11.3578

Protanopia

25.4081, -2.9138, 12.0738

Deuteranopia

25.4640, 1.2521, 11.0385



Tritanopia

25.4090, -6.3701, -3.0815

Trichromacy



Original Color

25.4752, -15.2173, 11.3578

Protanomaly

25.1232, -7.9702, 11.5887

Deuteranomaly

25.0023, -5.5780, 10.7569

Tritanomaly

25.3899, -10.1238, 3.4318

Monochromacy



Original Color

25.4752, -15.2173, 11.3578

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

23.4252, -6.8040, 5.4820

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.4752, -15.2173, 11.3578 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(41, 81, 37)` looks like.

```
.text, #text, p{  
    color:rgb(41, 81, 37)  
}
```

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(41, 81, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 81, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 25.4752, -15.2173, 11.3578 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(41, 81, 37) }
```


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

```
.border{ border-color:rgb(41, 81, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 81, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 81, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 81, 37);  
box-shadow:4px 4px 4px 4px rgb(41, 81, 37)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 25.4752, -15.2173, 11.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 81, 37) }
```

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

```
.background{ background-color: rgb(41, 81,  
37) }
```

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