

Converting Colors

HunterLab(24.9433, -9.9350,
4.8902)

Have a look what the booklet for
HunterLab(24.9433, -9.9350, 4.8902)
contains.

HunterLab(25.0738, -10.1629, 5.1638)	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(25.0738,
-10.1629, 5.1638)**

Conversions

Conversions Part 1

Format	Color
Hex	314D3C
RGB	49, 77, 60
RGB Percent	19%, 30%, 24%
CMY	0.8078, 0.6980, 0.7647
CMYK	0.36, 0.00, 0.22, 0.70
HSL	144°, 22%, 25%
HSV	144°, 36%, 30%
XYZ	4.7361, 6.2870, 5.2388
YIQ	66.6900, -11.2310, -11.2230

Conversions

Conversions Part 2

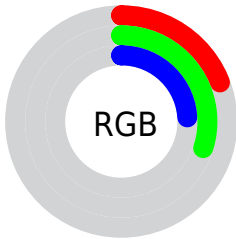
Format	Color
R_{YB}	49, 69, 77
Decimal	3231036
CIE Lab	30.13, -14.82, 6.78
CIE LCh	30, 16.303, 155.410
Yxy	6.2872, 0.2912, 0.3866
Android (android.graphics.Color)	4281421116 (0xFF314D3C)
YUV	66.6900, -3.2982, -15.5141
Hunter-Lab	25.0738, -10.1629, 5.1638

Details

The HunterLab color $25.0738, -10.1629, 5.1638$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $20.4154, 9.2355, -2.2280$, and the grayscale version is $23.5972, -1.2591, 1.2821$.

A 20% lighter version of the original color is $42.9768, -13.1635, 7.0618$, and $10.7873, -7.0361, 3.3785$ is the 20% darker color. If you saturate the color by 10%, you get $24.6263, -12.0885, 6.1622$, and if you desaturate by 10%, it is $25.5871, -8.0192, 4.1517$.

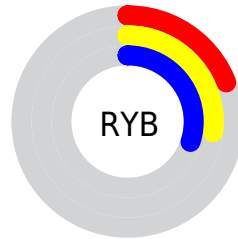
Distribution



 Red (19%)

 Green (30%)

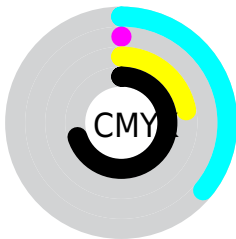
 Blue (24%)




 Red (19%)

 Yellow (27%)

 Blue (30%)

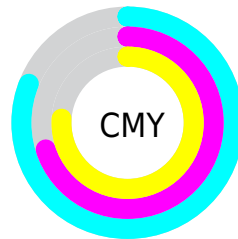


 Cyan (36%)


 Magenta (0%)

 Yellow (22%)

 Black (70%)



 Cyan (81%)

 Magenta (70%)

 Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.0738, -10.1629, 5.1638 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 25.0738, -10.1629, 5.1638 by changing the saturation by 10% instead.

■ 25.0738, -10.1629,
5.1638

■ 25.0738, -10.1629,
5.1638

127.1229,
-22.7277, 13.8324

■ 17.3796, -8.5735,
4.2273

■ 43.0397, -13.1102,
7.0135

■ 10.6885, -6.9551,
3.3424

■ 53.1632, -14.5204,
7.9453

■ 1.1802, -2.0654,
0.8261

■ 63.9754, -15.9078,
8.8883

0.0000, NaN, NaN

■ 75.4350, -17.2807,
9.8449

0.0000, NaN, NaN

■ 87.5074, -18.6453,
10.8167

0.0000, NaN, NaN

■ 100.1627,

0.0000, NaN, NaN

-20.0059, 11.8049

0.0000, NaN, NaN

113.3754,
-21.3659, 12.8100

■ 25.0738, -10.1629,
5.1638

■ 25.0738, -10.1629,
5.1638

■ 24.6263, -12.0885,
6.1622

■ 25.5871, -8.0192,
4.1517

■ 24.2430, -13.7803,
7.1360

■ 26.1639, -5.6738,
3.1343

■ 23.9235, -15.2286,
8.0755

■ 26.8036, -3.1469,
2.1203

■ 23.6658, -16.4291,
8.9705

■ 27.5045, -0.4589,
1.1171

■ 23.4670, -17.3843,
9.8115

■ 28.2645, 2.3696,
0.1309

■ 23.3025, -18.1892,
10.5727

■ 29.0811, 5.3191,
-0.8333

■ 23.2443, -18.4727,
10.8238

■ 29.9520, 8.3710,
-1.7715

■ 30.8744, 11.5088,
-2.6810

■ 31.8458, 14.7175,
-3.5599

Harmonies

Analogous

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



25.0743, -7.1194, 8.1984



25.0738, -10.1629, 5.1638



25.0743, -10.9303, 0.4080

Triad

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



25.0743, -10.1633, 5.1641



25.0743, -0.3449, -10.7062



25.0743, 7.7728, 6.4750

Complementary

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



25.0738, -10.1629, 5.1638



20.4154, 9.2355, -2.2280

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.



25.0743, 9.9528, 2.2854



25.0738, -10.1629, 5.1638



25.0743, 5.0171, -8.1800

Square

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



25.0743, -10.1633, 5.1641



25.0743, -5.5471, -9.4797



25.0743, 8.9039, -3.1411



25.0743, 3.1658, 8.8346

Rectangle

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



25.0738, -10.1629, 5.1638



25.0743, -10.1091, -3.2936



25.0743, 8.9039, -3.1411



25.0743, 8.8309, 5.2718

Sweetspot

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



25.0743, -10.1633, 5.1641



34.4903, -5.7844, 3.4259



25.8792, -7.5372, 9.1574



17.6533, -3.0760, 1.8008



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.



25.0743, -10.1633, 5.1641



32.1256, -15.5643, 7.9278



25.4004, -8.2751, 0.4935



13.6987, -1.9220, 1.2085



31.0748, -24.8811, 14.8704



75.5358, -61.2704, 37.8521

Inverse Universe

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



20.4154, 9.2355, -2.2280



24.6775, 15.6000, -3.8246



20.0621, 7.4645, 2.7980



13.1047, 0.5332, 0.2594



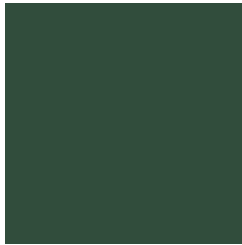
17.8096, 32.4480, -3.5964



43.1445, 78.2300, -5.7925

Previews

White Background



This preview shows how the HunterLab color 25.0738, -10.1629, 5.1638 looks on a white background.

Color Contrast Check

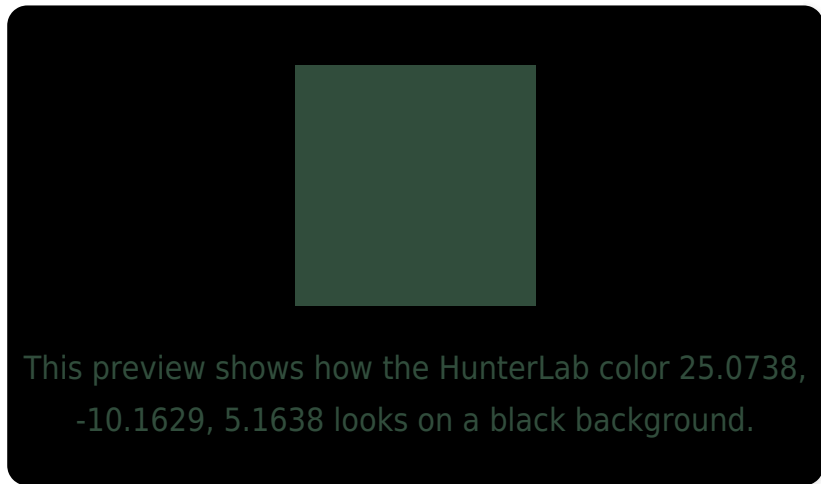
Large Text (above 18pt) WCAG AA ✓ Pass

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

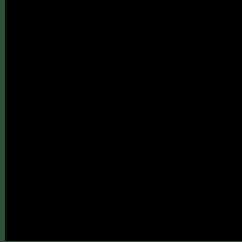
Any Text WCAG AA × Fail

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 25.0738, -10.1629, 5.1638 Background



This preview shows how black text looks on a background with the HunterLab color 25.0738, -10.1629, 5.1638.



This preview shows how white text looks on a background with the HunterLab color 25.0738,

-10.1629, 5.1638.

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

25.0738, -10.1629, 5.1638

Protanopia

25.0953, -1.9976, 6.2833

Deuteranopia

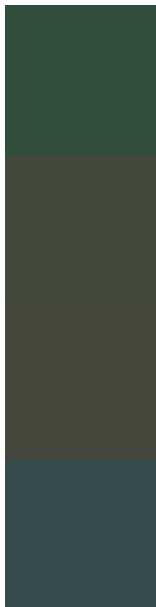
24.9627, 1.5787, 4.5850



Tritanopia

24.9672, -5.3367, -2.7314

Trichromacy



Original Color

25.0738, -10.1629, 5.1638

Protanomaly

24.9576, -5.1042, 5.7798

Deuteranomaly

24.7156, -3.1708, 4.5833

Tritanomaly

24.9865, -7.0438, 0.3162

Monochromacy



Original Color

25.0738, -10.1629, 5.1638

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

24.1605, -5.0292, 2.8964

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.0738, -10.1629, 5.1638 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(49, 77, 60)` looks like.

```
.text, #text, p{  
    color:rgb(49, 77, 60)  
}
```

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(49, 77, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 77, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 25.0738, -10.1629, 5.1638 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(49, 77, 60) }
```


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

```
.border{ border-color:rgb(49, 77, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 77, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 77, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 77, 60);  
box-shadow:4px 4px 4px 4px rgb(49, 77, 60)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 25.0738, -10.1629, 5.1638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 77, 60) }
```

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

```
.background{ background-color: rgb(49, 77,  
60) }
```

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