

Converting Colors

HunterLab(24.2244, -12.8326,
2.2737)

Have a look what the booklet for
HunterLab(24.2244, -12.8326,
2.2737) contains.

HunterLab(24.3059, -12.8796, 2.1788)	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(24.3059,
-12.8796, 2.1788)**

Conversions

Conversions Part 1

Format	Color
Hex	194D42
RGB	25, 77, 66
RGB Percent	10%, 30%, 26%
CMY	0.9020, 0.6980, 0.7412
CMYK	0.68, 0.00, 0.14, 0.70
HSL	167°, 51%, 20%
HSV	167°, 68%, 30%
XYZ	4.0381, 5.9078, 6.0817
YIQ	60.1980, -27.4610, -14.4450

Conversions

Conversions Part 2

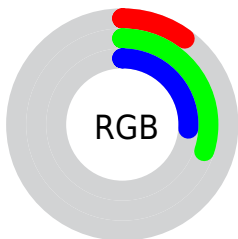
Format	Color
R_{YB}	25, 54, 77
Decimal	1658178
CIE _{Lab}	29.18, -20.27, 1.44
CIE _{LCh}	29, 20.318, 175.927
Yxy	5.9080, 0.2520, 0.3686
Android (android.graphics.Color)	4279848258 (0xFF194D42)
YUV	60.1980, 2.8604, -30.8686
Hunter-Lab	24.3059, -12.8796, 2.1788

Details

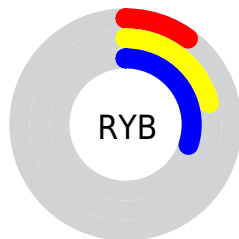
The HunterLab color **24.3059, -12.8796, 2.1788** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **15.4938, 15.8217, 3.4363**, and the grayscale version is **21.3230, -1.1377, 1.1585**.

A 20% lighter version of the original color is **41.9910, -16.5231, 3.1075**, and **10.7218, -7.1342, 1.9993** is the 20% darker color. If you saturate the color by 10%, you get **24.0922, -13.8098, 2.5299**, and if you desaturate by 10%, it is **24.5748, -11.7452, 1.8855**.

Distribution



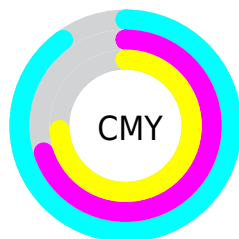
- Red (10%)
- Green (30%)
- Blue (26%)



- Red (10%)
- Yellow (21%)
- Blue (30%)



- Cyan (68%)
- Magenta (0%)
- Yellow (14%)
- Black (70%)



- Cyan (90%)
- Magenta (70%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.3059, -12.8796, 2.1788 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 24.3059, -12.8796, 2.1788 by changing the saturation by 10% instead.

■ 24.3059, -12.8796,
2.1788

■ 24.3059, -12.8796,
2.1788

125.7991,
-28.2240, 8.3468

■ 16.7009, -10.8023,
1.6605

■ 42.1188, -16.6252,
3.3267

■ 10.1129, -9.3820,
1.1801

■ 52.1746, -18.3780,
3.9525

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.9235, -20.0814,
4.6108

0.0000, NaN, NaN

■ 74.3234, -21.7491,
5.3003

0.0000, NaN, NaN

■ 86.3391, -23.3909,
6.0197

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.9404, -25.0140,

112.1014,
-26.6236, 7.5439

24.3059, -12.8796,
2.1788

24.3059, -12.8796,
2.1788

24.0922, -13.8098,
2.5299

24.5748, -11.7452,
1.8855

23.9289, -14.5422,
2.9315

24.8999, -10.4053,
1.6543

23.7873, -15.1901,
3.3476

25.2830, -8.8640,
1.4890

23.7524, -15.3504,
3.4486

25.7248, -7.1292,
1.3918

26.2254, -5.2122,
1.3638

■ 26.7841, -3.1265,
1.4047

■ 27.4000, -0.8871,
1.5131

■ 28.0715, 1.4902,
1.6870

■ 28.7971, 3.9898,
1.9235

Harmonies

Analogous

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



24.3064, -11.0925, 7.2458



24.3059, -12.8796, 2.1788



24.3064, -11.8515, -4.6810

Triad

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



24.3064, -12.8798, 2.1791



24.3064, 4.6067, -12.5127



24.3064, 6.3641, 9.4546

Complementary

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



24.3059, -12.8796, 2.1788



15.4938, 15.8217, 3.4363

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.



24.3064, 11.4335, 6.1026



24.3059, -12.8796, 2.1788



24.3064, 10.3441, -6.6102

Square

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



24.3064, -12.8798, 2.1791



24.3064, -2.2082, -14.3875



24.3064, 12.9631, 0.4347



24.3064, -0.3747, 10.6605

Rectangle

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



24.3059, -12.8796, 2.1788



24.3064, -9.6406, -9.2550



24.3064, 12.9631, 0.4347



24.3064, 8.3472, 8.5948

Sweetspot

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



24.3064, -12.8798, 2.1791



33.9503, -7.6120, 1.7787



23.9960, -15.4632, 12.2428



17.3526, -4.1003, 0.9139



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.



24.3064, -12.8798, 2.1791



31.2442, -18.6298, 3.6232



20.5354, -5.7069, -7.7184



13.7331, -1.7311, 0.7179



31.7619, -20.6556, 4.8899



77.2333, -50.8163, 13.1629

Inverse Universe

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



15.4938, 15.8217, 3.4363



18.0756, 25.0857, 6.1190



17.7421, 9.0543, 8.0173



13.0694, 0.3428, 0.7627



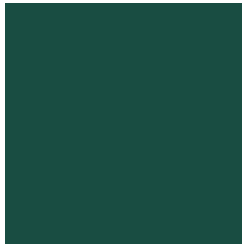
16.9738, 29.3999, 8.3963



41.1805, 71.0523, 22.5066

Previews

White Background



This preview shows how the HunterLab color 24.3059, -12.8796, 2.1788 looks on a white background.

Color Contrast Check

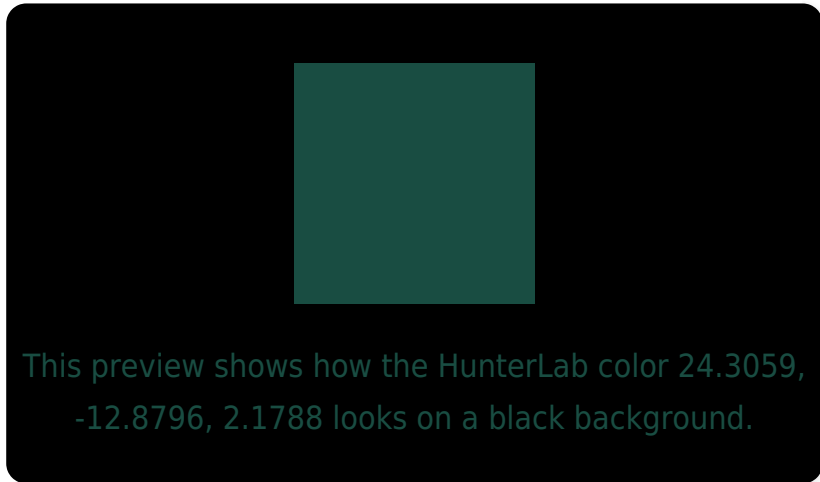
Large Text (above 18pt) WCAG AA ✓ Pass

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

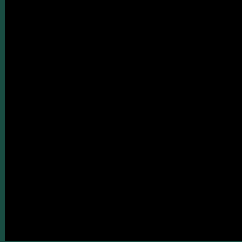
Any Text WCAG AA × Fail

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 24.3059, -12.8796, 2.1788 Background



This preview shows how black text looks on a background with the HunterLab color 24.3059, -12.8796, 2.1788.



This preview shows how white text looks on a background with the HunterLab color 24.3059,

-12.8796, 2.1788.

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

24.3059, -12.8796, 2.1788

Protanopia

24.1845, -1.1240, 4.0593

Deuteranopia

24.1032, 1.4628, 1.4254



Tritanopia

24.3584, -8.9405, -4.0952

Trichromacy



Original Color

24.3059, -12.8796, 2.1788

Protanomaly

23.8277, -6.2947, 2.8708

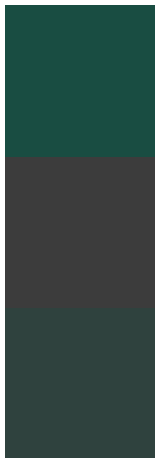
Deuteranomaly

23.7811, -4.9082, 1.3288

Tritanomaly

24.3965, -10.5326, -1.7683

Monochromacy



Original Color

24.3059, -12.8796, 2.1788

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

22.0195, -6.1892, 1.1885

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.3059, -12.8796, 2.1788 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(25, 77, 66)` looks like.

```
.text, #text, p{  
    color:rgb(25, 77, 66)  
}
```

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(25, 77, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 77, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 24.3059, -12.8796, 2.1788 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(25, 77, 66) }
```


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

```
.border{ border-color:rgb(25, 77, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 77, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 77, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 77, 66);  
box-shadow:4px 4px 4px 4px rgb(25, 77, 66)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.3059, -12.8796, 2.1788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 77, 66) }
```

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

```
.background{ background-color: rgb(25, 77,  
66) }
```

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