

Converting Colors

HunterLab(24.2020, -12.7018,
5.5886)

Have a look what the booklet for
HunterLab(24.2020, -12.7018,
5.5886) contains.

HunterLab(24.1075, -12.6347, 5.4322)	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(24.1075,
-12.6347, 5.4322)**

Conversions

Conversions Part 1

Format	Color
Hex	234C38
RGB	35, 76, 56
RGB Percent	14%, 30%, 22%
CMY	0.8627, 0.7020, 0.7804
CMYK	0.54, 0.00, 0.26, 0.70
HSL	151°, 37%, 22%
HSV	151°, 54%, 30%
XYZ	3.9914, 5.8117, 4.6528
YIQ	61.4610, -18.0160, -14.9120

Conversions

Conversions Part 2

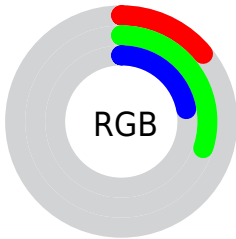
Format	Color
RYB	35, 62, 76
Decimal	2313272
CIELab	28.93, -19.88, 7.55
CIELCh	29, 21.266, 159.211
Yxy	5.8120, 0.2761, 0.4020
Android (android.graphics.Color)	4280503352 (0xFF234C38)
YUV	61.4610, -2.6923, -23.2063
Hunter-Lab	24.1075, -12.6347, 5.4322




Details

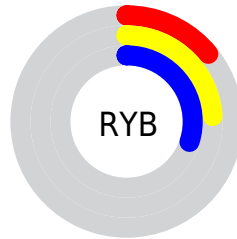
The HunterLab color **24.1075, -12.6347, 5.4322** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **17.3623, 13.5284, -1.4079**, and the grayscale version is **21.7754, -1.1619, 1.1831**.




A 20% lighter version of the original color is **41.8157, -16.1938, 7.2888**, and **10.3057, -7.8306, 4.0227** is the 20% darker color. If you saturate the color by 10%, you get **23.7869, -14.0595, 6.2269**, and if you desaturate by 10%, it is **24.4893, -10.9888, 4.6455**.

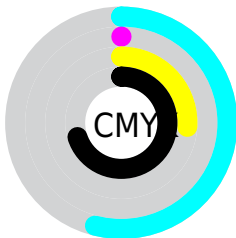
Distribution







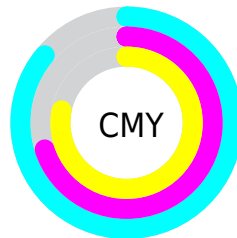
-  Red (14%)
-  Green (30%)
-  Blue (22%)






-  Red (14%)
-  Yellow (24%)
-  Blue (30%)



-  Cyan (54%)
-  Magenta (0%)
-  Yellow (26%)
-  Black (70%)



-  Cyan (86%)
-  Magenta (70%)
-  Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.1075, -12.6347, 5.4322 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 24.1075, -12.6347, 5.4322 by changing the saturation by 10% instead.

■ 24.1075, -12.6347,
5.4322

■ 24.1075, -12.6347,
5.4322

■ 125.4557,
-27.7911, 14.4589

■ 16.5260, -10.5871,
4.4289

■ 41.8804, -16.3289,
7.3877

■ 9.9649, -9.2954,
3.7085

■ 51.9186, -18.0587,
8.3640

0.0000, NaN, NaN

■ 62.6509, -19.7406,
9.3476

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.0353, -21.3881,
10.3418

0.0000, NaN, NaN

■ 86.0362, -23.0107,
11.3489

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.6234, -24.6154,

12.3701

0.0000, NaN, NaN

111.7709,
-26.2075, 13.4066

24.1075, -12.6347,
5.4322

24.1075, -12.6347,
5.4322

23.7869, -14.0595,
6.2269

24.4893, -10.9888,
4.6455

23.5244, -15.2578,
7.0200

24.9316, -9.1303,
3.8742

23.3179, -16.2312,
7.8028

25.4350, -7.0727,
3.1257

23.1518, -17.0361,
8.5553

25.9988, -4.8321,
2.4062

23.0545, -17.5084,
8.9795

26.6220, -2.4259,
1.7209

■ 27.3028, 0.1275,
1.0737

■ 28.0395, 2.8099,
0.4674

■ 28.8298, 5.6036,
-0.0960

■ 29.6714, 8.4921,
-0.6157

Harmonies

Analogous

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



24.1080, -9.2277, 9.2805



24.1075, -12.6347, 5.4322



24.1080, -13.1978, -0.8309

Triad

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



24.1080, -12.6350, 5.4324



24.1080, 0.9072, -15.0771



24.1080, 10.0652, 8.0900

Complementary

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



24.1075, -12.6347, 5.4322



17.3623, 13.5284, -1.4079

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.



24.1080, 13.5056, 3.2751



24.1075, -12.6347, 5.4322



24.1080, 7.8349, -10.8805

Square

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



24.1080, -12.6350, 5.4324



24.1080, -5.8857, -14.0083



24.1080, 12.6459, -3.6943



24.1080, 3.6832, 10.4826

Rectangle

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



24.1075, -12.6347, 5.4322



24.1080, -11.9565, -5.8181



24.1080, 12.6459, -3.6943



24.1080, 11.6353, 6.7667

Sweetspot

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



24.1080, -12.6350, 5.4324



34.1175, -7.1892, 3.4254



24.7323, -10.8684, 11.2377



17.4496, -3.8457, 1.8063



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.



24.1080, -12.6350, 5.4324



31.2722, -19.1540, 8.5912



24.5932, -9.7795, -1.5017



13.7089, -1.8652, 1.0624



31.2296, -23.9200, 12.6022



75.9032, -58.9855, 32.4604

Inverse Universe

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



17.3623, 13.5284, -1.4079



20.6548, 22.4794, -1.8262



16.9116, 11.4110, 5.0457



13.0939, 0.4750, 0.4132



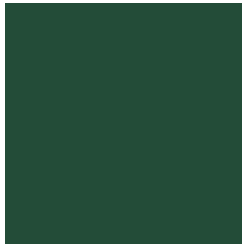
17.4728, 31.2286, 1.1668



42.3193, 75.2348, 5.9367

Previews

White Background



This preview shows how the HunterLab color 24.1075, -12.6347, 5.4322 looks on a white background.

Color Contrast Check

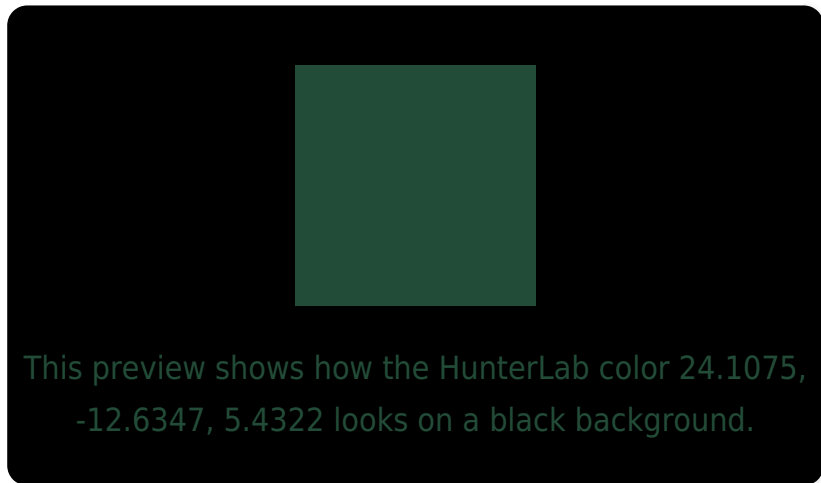
Large Text (above 18pt) WCAG AA ✓ Pass

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

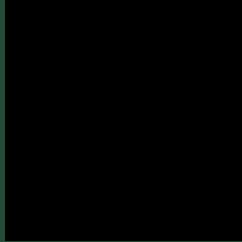
Any Text WCAG AA × Fail

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 24.1075, -12.6347, 5.4322 Background



This preview shows how black text looks on a background with the HunterLab color 24.1075, -12.6347, 5.4322.



This preview shows how white text looks on a background with the HunterLab color 24.1075,

-12.6347, 5.4322.

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

24.1075, -12.6347, 5.4322

Protanopia

24.0804, -1.8557, 6.8066

Deuteranopia

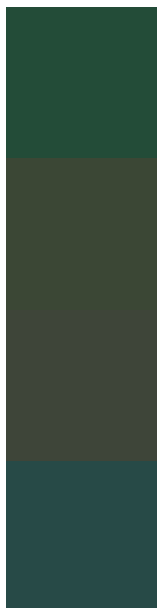
23.8868, 1.5095, 4.8094



Tritanopia

24.1285, -7.0947, -3.4330

Trichromacy



Original Color

24.1075, -12.6347, 5.4322

Protanomaly

23.8607, -6.5998, 6.2180

Deuteranomaly

23.6131, -4.6355, 4.7497

Tritanomaly

24.0496, -9.2599, -0.0392

Monochromacy



Original Color

24.1075, -12.6347, 5.4322

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

22.2312, -5.5526, 2.5665

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.1075, -12.6347, 5.4322 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(35, 76, 56)` looks like.

```
.text, #text, p{  
    color:rgb(35, 76, 56)  
}
```

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(35, 76, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 76, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 24.1075, -12.6347, 5.4322 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(35, 76, 56) }
```


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

```
.border{ border-color:rgb(35, 76, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 76, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 76, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 76, 56);  
box-shadow:4px 4px 4px 4px rgb(35, 76, 56)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.1075, -12.6347, 5.4322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 76, 56) }
```

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

```
.background{ background-color: rgb(35, 76,  
56) }
```

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