

Converting Colors

HunterLab(24.7095, -1.6543,
-12.5276)

Have a look what the booklet for
HunterLab(24.7095, -1.6543,
-12.5276) contains.

HunterLab(24.8386, -1.8683, -12.3099)	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(24.8386, -1.8683,
-12.3099)**

Conversions

Conversions Part 1

Format	Color
Hex	314862
RGB	49, 72, 98
RGB Percent	19%, 28%, 38%
CMY	0.8078, 0.7176, 0.6157
CMYK	0.50, 0.27, 0.00, 0.62
HSL	212°, 33%, 29%
HSV	212°, 50%, 38%
XYZ	5.7886, 6.1696, 12.4411
YIQ	68.0870, -22.0540, 3.2100

Conversions

Conversions Part 2

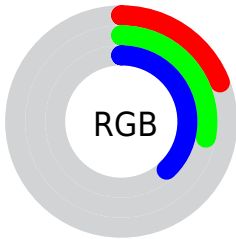
Format	Color
RYB	49, 65, 98
Decimal	3229794
CIELab	29.84, -0.85, -18.02
CIELCh	30, 18.041, 267.299
Yxy	6.1698, 0.2372, 0.2529
Android (android.graphics.Color)	4281419874 (0xFF314862)
YUV	68.0870, 14.7471, -16.7393
Hunter-Lab	24.8386, -1.8683, -12.3099

Details

The HunterLab color $24.8386, -1.8683, -12.3099$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $28.0193, 2.6169, 11.1620$, and the grayscale version is $24.0292, -1.2821, 1.3056$.

A 20% lighter version of the original color is $42.6609, -2.7799, -13.2784$, and $10.5724, -0.9948, -11.0669$ is the 20% darker color. If you saturate the color by 10%, you get $23.0388, -1.2352, -15.5629$, and if you desaturate by 10%, it is $26.7238, -2.2511, -9.2094$.

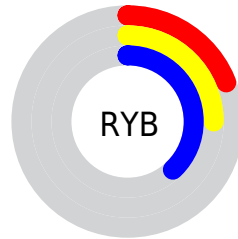
Distribution



 Red (19%)

 Green (28%)

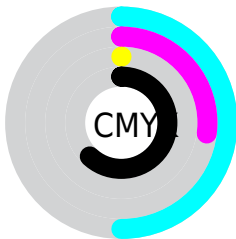
 Blue (38%)




 Red (19%)

 Yellow (25%)

 Blue (38%)

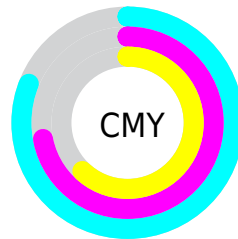


 Cyan (50%)

 Magenta (27%)

 Yellow (0%)

 Black (62%)



 Cyan (81%)

 Magenta (72%)

 Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.8386, -1.8683, -12.3099 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 24.8386, -1.8683, -12.3099 by changing the saturation by 10% instead.

■ 24.8386, -1.8683,
-12.3099

■ 24.8386, -1.8683,
-12.3099

■ 126.7183, -7.7033,
-13.4770

■ 17.1715, -1.3955,
-11.8691

■ 42.7579, -2.9338,
-13.0172

■ 10.5117, -0.9668,
-11.4449

■ 52.8608, -3.5213,
-13.2669

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 63.6537, -4.1426,
-13.4490

0.0000, NaN, NaN

■ 75.0951, -4.7959,
-13.5672

0.0000, NaN, NaN

■ 87.1502, -5.4799,
-13.6256

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.7891, -6.1932,

-13.6278

0.0000, NaN, NaN

112.9860, -6.9347,
-13.5773

■ 24.8386, -1.8683,
-12.3099

■ 24.8386, -1.8683,
-12.3099

■ 23.0388, -1.2352,
-15.5629

■ 26.7238, -2.2511,
-9.2094

■ 21.3331, -0.3178,
-18.9756

■ 28.6843, -2.4153,
-6.2520

■ 19.7328, 0.9164,
-22.5446

■ 30.7129, -2.3896,
-3.4240

■ 18.2493, 2.4931,
-26.2534

■ 32.8030, -2.1989,
-0.7113

■ 16.8403, 4.2542,
-30.2321

■ 34.9490, -1.8647,
1.8994

■ 16.8400, 4.2546,
-30.2330

■ 37.1461, -1.4052,
4.4207

■ 39.3900, -0.8358,
6.8640

■ 41.6772, -0.1698,
9.2395

■ 44.0044, 0.5820,
11.5562

Harmonies

Analogous

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



24.8391, -7.2610, -9.7783



24.8386, -1.8683, -12.3099



24.8391, 4.1929, -10.5204

Triad

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



24.8391, -1.8684, -12.3094



24.8391, 9.7871, 5.8798



24.8391, -10.3140, 6.5835

Complementary

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



24.8386, -1.8683, -12.3099



28.0193, 2.6169, 11.1620

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.



24.8391, -6.4028, 9.2651



24.8386, -1.8683, -12.3099



24.8391, 5.2231, 8.9318

Square

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



24.8391, -1.8684, -12.3094



24.8391, 11.2889, 0.8290



24.8391, -0.7803, 10.0105



24.8391, -11.8385, 1.8640

Rectangle

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



24.8386, -1.8683, -12.3099



24.8391, 7.7395, -7.3082



24.8391, -0.7803, 10.0105



24.8391, -9.2542, 7.7062

Sweetspot

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



24.8391, -1.8684, -12.3094



41.9069, -3.0737, -2.8807



31.4439, -15.9636, 6.7741



20.2405, -1.5144, -1.6538



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



24.8391, -1.8684, -12.3094



30.0844, -1.4465, -21.3959



19.3706, 8.5783, -23.2829



16.3965, -1.0757, -0.2038



19.2096, 5.3517, -35.5632



42.3970, 16.4696, -88.5458

Inverse Universe

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



22.9378, 16.7075, -1.4212



27.5768, 27.6504, -1.8671



33.9245, -7.4270, 15.6953



16.1485, 0.6680, 0.5181



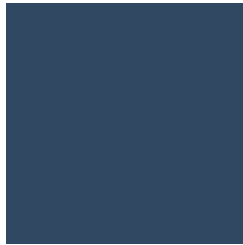
19.2662, 34.3121, 2.2311



44.3329, 78.5860, 7.9922

Previews

White Background



This preview shows how the HunterLab color 24.8386, -1.8683, -12.3099 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



This preview shows how the HunterLab color 24.8386, -1.8683, -12.3099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

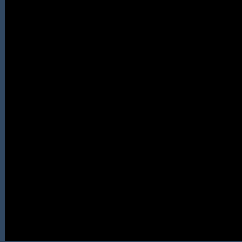
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

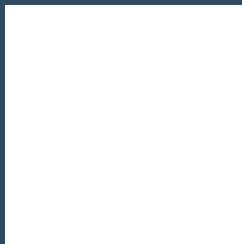
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 24.8386, -1.8683, -12.3099 Background



This preview shows how black text looks on a background with the HunterLab color 24.8386, -1.8683, -12.3099.

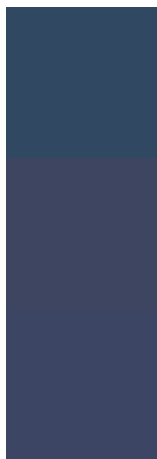


This preview shows how white text looks on a background with the HunterLab color 24.8386, -1.8683, -12.3099.

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

24.8386, -1.8683, -12.3099

Protanopia

24.7485, 1.5957, -11.2337

Deuteranopia

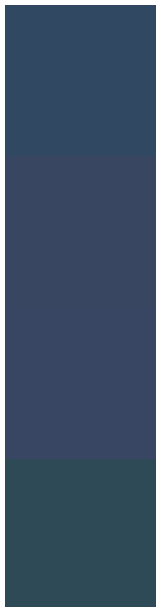
24.7341, 1.7748, -13.0241



Tritanopia

24.8228, -7.1975, -3.4240

Trichromacy



Original Color

24.8386, -1.8683, -12.3099

Protanomaly

24.7250, 0.3017, -11.8787

Deuteranomaly

24.7425, 0.5143, -13.0314

Tritanomaly

24.8325, -5.3898, -6.3213

Monochromacy



Original Color

24.8386, -1.8683, -12.3099

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

24.1099, -1.7399, -3.3648

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.8386, -1.8683, -12.3099 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, 72, 98)` looks like.

```
.text, #text, p{  
    color:rgb(49, 72, 98)  
}
```

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, 72, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 72, 98) }
```

Border

The CSS property to change the border of an element to HunterLab 24.8386, -1.8683, -12.3099 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, 72, 98) }
```


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

```
.border{ border-color:rgb(49, 72, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 72, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 72, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 72, 98);  
box-shadow:4px 4px 4px 4px rgb(49, 72, 98)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.8386, -1.8683, -12.3099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 72, 98) }
```

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

```
.background{ background-color: rgb(49, 72,  
98) }
```

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](#).

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