

Converting Colors

HunterLab(26.3288, -12.2772,
4.0507)

Have a look what the booklet for
HunterLab(26.3288, -12.2772,
4.0507) contains.

HunterLab(26.3288, -12.2772, 4.0507)	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(26.3288,
-12.2772, 4.0507)**

Conversions

Conversions Part 1

Format	Color
Hex	2A5243
RGB	42, 82, 67
RGB Percent	16%, 32%, 26%
CMY	0.8353, 0.6784, 0.7373
CMYK	0.49, 0.00, 0.18, 0.68
HSL	157°, 32%, 24%
HSV	157°, 49%, 32%
XYZ	4.9852, 6.9321, 6.3855
YIQ	68.3300, -19.0250, -13.1450

Conversions

Conversions Part 2

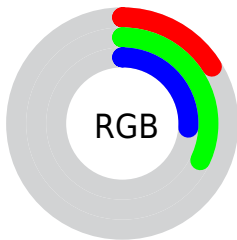
Format	Color
R_{YB}	42, 67, 82
Decimal	2773571
CIE _{Lab}	31.65, -18.23, 4.46
CIE _{LCh}	32, 18.769, 166.269
Yxy	6.9323, 0.2724, 0.3787
Android (android.graphics.Color)	4280963651 (0xFF2A5243)
YUV	68.3300, -0.6557, -23.0914
Hunter-Lab	26.3288, -12.2772, 4.0507

Details

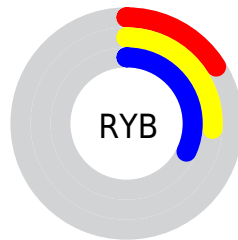
The HunterLab color $26.3288, -12.2772, 4.0507$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $19.3529, 12.6774, 0.2874$, and the grayscale version is $24.1664, -1.2895, 1.3130$.

A 20% lighter version of the original color is $44.6251, -15.8452, 5.6705$, and $11.7859, -8.1089, 2.7733$ is the 20% darker color. If you saturate the color by 10%, you get $25.9631, -13.8522, 4.7045$, and if you desaturate by 10%, it is $26.7604, -10.4734, 3.4406$.

Distribution



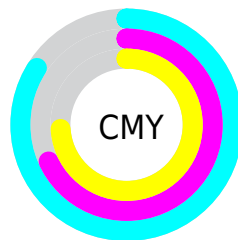
- Red (16%)
- Green (32%)
- Blue (26%)



- Red (16%)
- Yellow (26%)
- Blue (32%)



- Cyan (49%)
- Magenta (0%)
- Yellow (18%)
- Black (68%)



- Cyan (84%)
- Magenta (68%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 26.3288, -12.2772, 4.0507 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 26.3288, -12.2772, 4.0507 by changing the saturation by 10% instead.

■ 26.3288, -12.2772,
4.0507

■ 26.3288, -12.2772,
4.0507

■ 129.2673,
-26.5079, 11.6482

■ 18.4928, -10.4186,
3.2997

■ 44.5387, -15.6853,
5.5947

■ 11.6389, -8.3903,
2.5492

■ 54.7703, -17.2989,
6.3948

■ 4.2770, -7.4848,
2.9939

■ 65.6838, -18.8761,
7.2160

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 77.2391, -20.4278,
8.0588

0.0000, NaN, NaN

■ 89.4022, -21.9618,
8.9234

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 102.1443,

-23.4838, 9.8100

0.0000, NaN, NaN

115.4400,
-24.9980, 10.7183

■ 26.3288, -12.2772,
4.0507

■ 26.3288, -12.2772,
4.0507

■ 25.9631, -13.8522,
4.7045

■ 26.7604, -10.4734,
3.4406

■ 25.6603, -15.1915,
5.3937

■ 27.2571, -8.4507,
2.8794

■ 25.4183, -16.2951,
6.1099

■ 27.8191, -6.2238,
2.3725

■ 25.2332, -17.1709,
6.8436

■ 28.4457, -3.8096,
1.9233

■ 25.0716, -17.9503,
7.5562

■ 29.1356, -1.2265,
1.5340

■ 25.0520, -18.0446,
7.6402

■ 29.8870, 1.5066,
1.2058

■ 30.6977, 4.3707,
0.9387

■ 31.5656, 7.3481,
0.7317

■ 32.4879, 10.4219,
0.5833

Harmonies

Analogous

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



26.3293, -9.6837, 8.2812



26.3288, -12.2772, 4.0507



26.3293, -12.1608, -2.0437

Triad

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



26.3293, -12.2775, 4.0510



26.3293, 2.1130, -12.3813



26.3293, 7.6050, 8.5378

Complementary

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



26.3288, -12.2772, 4.0507



19.3529, 12.6774, 0.2874

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.



26.3293, 11.4107, 4.4923



26.3288, -12.2772, 4.0507



26.3293, 8.0398, -7.9582

Square

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



26.3293, -12.2775, 4.0510



26.3293, -4.2504, -12.5803



26.3293, 11.5770, -1.4845



26.3293, 1.5639, 10.4239

Rectangle

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



26.3288, -12.2772, 4.0507



26.3293, -10.5700, -6.4316



26.3293, 11.5770, -1.4845



26.3293, 9.2122, 7.4352

Sweetspot

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



26.3293, -12.2775, 4.0510



37.0179, -7.2134, 2.9335



26.6115, -12.0807, 11.3058



18.3300, -3.7634, 1.4919



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.



26.3293, -12.2775, 4.0510



34.2060, -18.7400, 6.4228



25.4091, -8.2497, -3.1150



14.5207, -1.9360, 0.9802



32.2449, -23.3805, 10.1684



77.3218, -56.8606, 26.1003

Inverse Universe

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



19.3529, 12.6774, 0.2874



23.1070, 21.3952, 0.7410



19.9189, 9.0615, 5.9122



13.8371, 0.4666, 0.5863



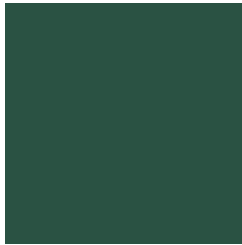
17.6747, 31.1050, 4.9360



42.2524, 73.9879, 14.6716

Previews

White Background



This preview shows how the HunterLab color 26.3288, -12.2772, 4.0507 looks on a white background.

Color Contrast Check

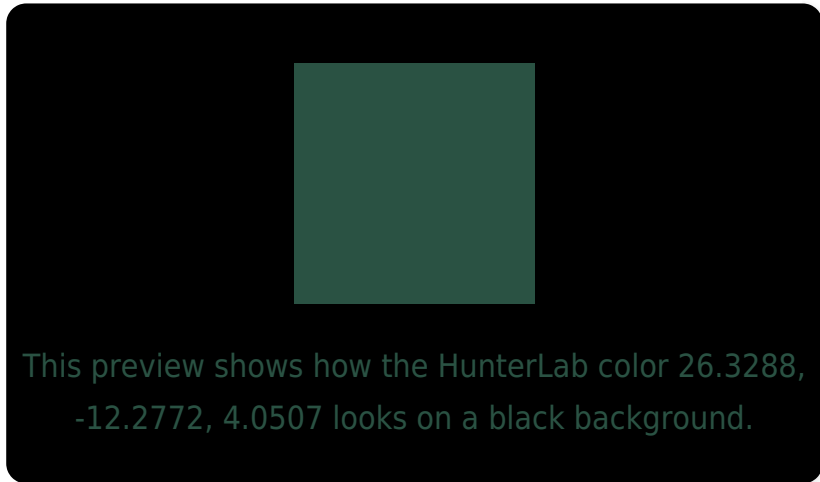
Large Text (above 18pt) WCAG AA ✓ Pass

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

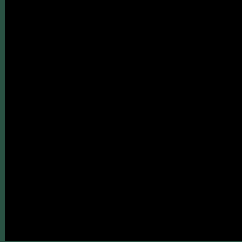
Any Text WCAG AA × Fail

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 26.3288, -12.2772, 4.0507 Background



This preview shows how black text looks on a background with the HunterLab color 26.3288, -12.2772, 4.0507.



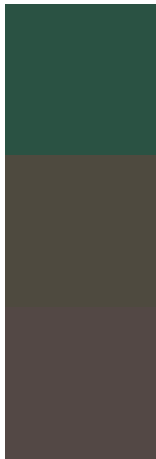
This preview shows how white text looks on a background with the HunterLab color 26.3288,

-12.2772, 4.0507.

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

26.3288, -12.2772, 4.0507

Protanopia

26.2224, -1.7253, 5.4951

Deuteranopia

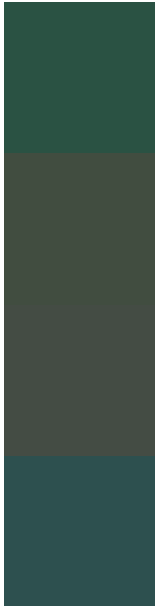
26.2743, 1.2961, 3.5078



Tritanopia

26.2072, -7.3937, -3.8986

Trichromacy



Original Color

26.3288, -12.2772, 4.0507

Protanomaly

26.0801, -6.2222, 4.9345

Deuteranomaly

26.1059, -4.5800, 3.5857

Tritanomaly

26.1911, -9.2898, -0.7691

Monochromacy



Original Color

26.3288, -12.2772, 4.0507

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

24.7230, -5.5077, 2.0225

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 26.3288, -12.2772, 4.0507 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(42, 82, 67)` looks like.

```
.text, #text, p{  
    color:rgb(42, 82, 67)  
}
```

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(42, 82, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 82, 67) }
```

Border

The CSS property to change the border of an element to HunterLab 26.3288, -12.2772, 4.0507 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(42, 82, 67) }
```


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

```
.border{ border-color:rgb(42, 82, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 82, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 82, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 82, 67);  
box-shadow:4px 4px 4px 4px rgb(42, 82, 67)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 26.3288, -12.2772, 4.0507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 82, 67) }
```

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

```
.background{ background-color: rgb(42, 82,  
67) }
```

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