

Converting Colors

HunterLab(27.5228, -12.6360,
4.9840)

Have a look what the booklet for
HunterLab(27.5228, -12.6360,
4.9840) contains.

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Color

**HunterLab(27.4202,
-12.4148, 4.8538)**

Conversions

Conversions Part 1

Format	Color
Hex	2F5544
RGB	47, 85, 68
RGB Percent	18%, 33%, 27%
CMY	0.8157, 0.6667, 0.7333
CMYK	0.45, 0.00, 0.20, 0.67
HSL	153°, 29%, 26%
HSV	153°, 45%, 33%
XYZ	5.4642, 7.5187, 6.6321
YIQ	71.7000, -17.1910, -13.3430

Conversions

Conversions Part 2

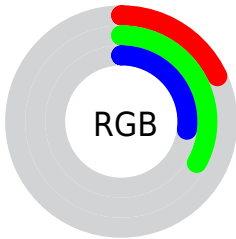
Format	Color
RYB	47, 71, 85
Decimal	3102020
CIELab	32.96, -18.06, 5.72
CIELCh	33, 18.945, 162.418
Yxy	7.5190, 0.2786, 0.3833
Android (android.graphics.Color)	4281292100 (0xFF2F5544)
YUV	71.7000, -1.8241, -21.6619
Hunter-Lab	27.4202, -12.4148, 4.8538

Details

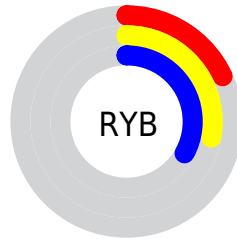
The HunterLab color **27.4202, -12.4148, 4.8538** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **20.8198, 12.3358, -0.7688**, and the grayscale version is **25.3611, -1.3532, 1.3779**.

A 20% lighter version of the original color is **45.8495, -15.8605, 6.6080**, and **12.3599, -8.4372, 3.0567** is the 20% darker color. If you saturate the color by 10%, you get **27.0025, -14.2177, 5.6747**, and if you desaturate by 10%, it is **27.9088, -10.3692, 4.0625**.

Distribution



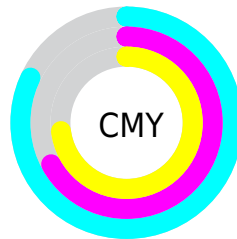
- Red (18%)
- Green (33%)
- Blue (27%)



- Red (18%)
- Yellow (28%)
- Blue (33%)



- Cyan (45%)
- Magenta (0%)
- Yellow (20%)
- Black (67%)



- Cyan (82%)
- Magenta (67%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.4202, -12.4148, 4.8538 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 27.4202, -12.4148, 4.8538 by changing the saturation by 10% instead.

■ 27.4202, -12.4148,
4.8538

■ 27.4202, -12.4148,
4.8538

131.1141,
-26.5236, 13.0582

■ 19.4647, -10.5891,
4.0051

■ 45.8366, -15.7790,
6.5652

■ 12.4744, -8.5871,
3.1426

■ 56.1599, -17.3765,
7.4393

■ 5.7247, -10.0183,
4.0073

■ 67.1595, -18.9401,
8.3296

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 78.7961, -20.4799,
9.2376

0.0000, NaN, NaN

■ 91.0365, -22.0034,
10.1640

0.0000, NaN, NaN

■ 103.8523,

0.0000, NaN, NaN

-23.5159, 11.1095

0.0000, NaN, NaN

117.2188,
-25.0216, 12.0742

■ 27.4202, -12.4148,
4.8538

■ 27.4202, -12.4148,
4.8538

■ 27.0025, -14.2177,
5.6747

■ 27.9088, -10.3692,
4.0625

■ 26.6528, -15.7672,
6.5153

■ 28.4669, -8.0940,
3.3076

■ 26.3696, -17.0599,
7.3663

■ 29.0944, -5.6074,
2.5958

■ 26.1494, -18.0994,
8.2171

■ 29.7900, -2.9291,
1.9321

■ 25.9768, -18.9419,
9.0465

■ 30.5522, -0.0799,
1.3204

■ 25.8888, -19.3725,
9.4609

■ 31.3787, 2.9190,
0.7629

■ 32.2670, 6.0475,
0.2610

■ 33.2146, 9.2865,
-0.1852

■ 34.2187, 12.6186,
-0.5763

Harmonies

Analogous

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



27.4208, -9.4143, 8.9139



27.4202, -12.4148, 4.8538



27.4208, -12.6589, -1.1961

Triad

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



27.4208, -12.4152, 4.8541



27.4208, 1.2821, -12.8843



27.4208, 8.4111, 8.3763

Complementary

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



27.4202, -12.4148, 4.8538



20.8198, 12.3358, -0.7688

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.



27.4208, 11.8751, 3.9339



27.4202, -12.4148, 4.8538



27.4208, 7.5087, -8.8442

Square

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



27.4208, -12.4152, 4.8541



27.4208, -5.1473, -12.4730



27.4208, 11.5302, -2.3570



27.4208, 2.4234, 10.5968

Rectangle

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



27.4202, -12.4148, 4.8538



27.4208, -11.2596, -5.6963



27.4208, 11.5302, -2.3570



27.4208, 9.9334, 7.1441

Sweetspot

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



27.4208, -12.4152, 4.8541



38.0990, -6.8877, 3.2748



27.9211, -11.2540, 11.2969



19.2199, -3.7412, 1.7249



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



27.4208, -12.4152, 4.8541



35.2034, -18.7960, 7.5257



27.3173, -9.1670, -1.9818



15.3229, -2.1028, 1.1417



32.9453, -24.8081, 12.3748



77.9679, -59.5217, 31.0370

Inverse Universe

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



20.8198, 12.3358, -0.7688



24.7918, 20.5749, -1.1232



20.7965, 9.5581, 5.3147



14.6048, 0.5535, 0.5096



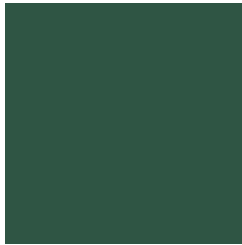
18.2885, 32.4827, 2.8023



43.1430, 76.2457, 9.5687

Previews

White Background



This preview shows how the HunterLab color 27.4202, -12.4148, 4.8538 looks on a white background.

Color Contrast Check

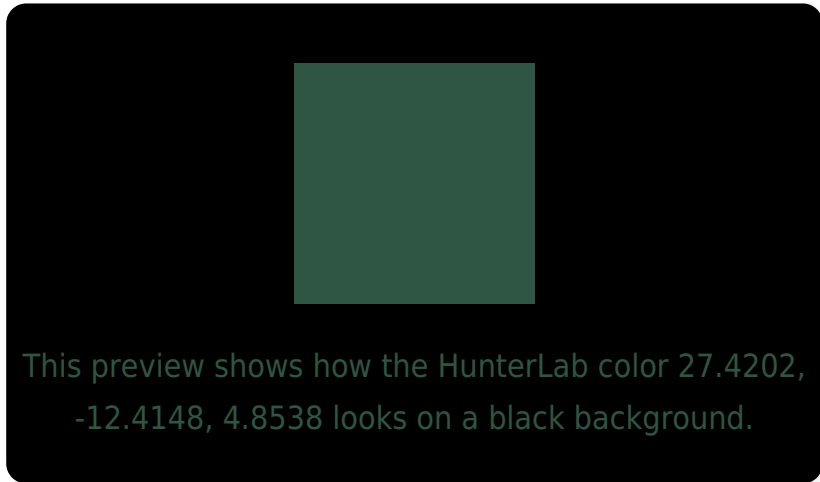
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4202, -12.4148, 4.8538 Background



This preview shows how black text looks on a background with the HunterLab color 27.4202, -12.4148, 4.8538.



This preview shows how white text looks on a background with the HunterLab color 27.4202,

-12.4148, 4.8538.

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

27.4202, -12.4148, 4.8538

Protanopia

27.3345, -1.7389, 6.2920

Deuteranopia

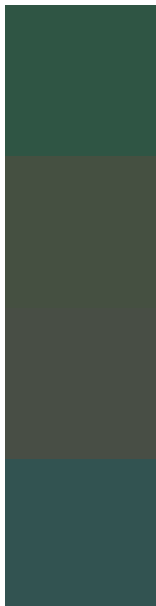
27.1404, 1.7310, 4.0959



Tritanopia

27.3604, -7.1927, -3.7473

Trichromacy



Original Color

27.4202, -12.4148, 4.8538

Protanomaly

27.1739, -6.3215, 5.7221

Deuteranomaly

26.9373, -4.2598, 4.1317

Tritanomaly

27.3106, -9.2719, -0.2336

Monochromacy



Original Color

27.4202, -12.4148, 4.8538

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

26.1141, -5.7734, 2.4558

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.4202, -12.4148, 4.8538 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(47, 85, 68)` looks like.

```
.text, #text, p{  
    color:rgb(47, 85, 68)  
}
```

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(47, 85, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 85, 68) }
```

Border

The CSS property to change the border of an element to HunterLab 27.4202, -12.4148, 4.8538 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(47, 85, 68) }
```


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

```
.border{ border-color:rgb(47, 85, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 85, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 85, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 85, 68);  
box-shadow:4px 4px 4px 4px rgb(47, 85, 68)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.4202, -12.4148, 4.8538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 85, 68) }
```

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

```
.background{ background-color: rgb(47, 85,  
68) }
```

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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