

Converting Colors

HunterLab(27.0739, -12.7700,
8.2659)

Have a look what the booklet for
HunterLab(27.0739, -12.7700,
8.2659) contains.

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Color

**HunterLab(27.0739,
-12.7700, 8.2659)**

Conversions

Conversions Part 1

Format	Color
Hex	335438
RGB	51, 84, 56
RGB Percent	20%, 33%, 22%
CMY	0.8000, 0.6706, 0.7804
CMYK	0.39, 0.00, 0.33, 0.67
HSL	129°, 24%, 26%
HSV	129°, 39%, 33%
XYZ	5.2494, 7.3300, 4.8795
YIQ	70.9410, -10.6800, -15.7040

Conversions

Conversions Part 2

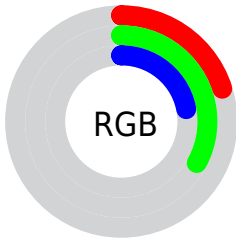
Format	Color
R_{YB}	51, 80, 84
Decimal	3363896
CIE _{Lab}	32.55, -18.84, 12.66
CIE _{LCh}	33, 22.701, 146.100
Yxy	7.3303, 0.3007, 0.4198
Android (android.graphics.Color)	4281553976 (0xFF335438)
YUV	70.9410, -7.3659, -17.4883
Hunter-Lab	27.0739, -12.7700, 8.2659

Details

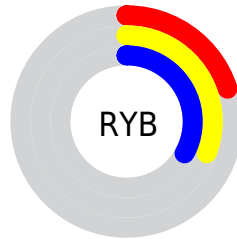
The HunterLab color **27.0739, -12.7700, 8.2659** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **21.9479, 12.4338, -6.2413**, and the grayscale version is **25.1093, -1.3398, 1.3642**.

A 20% lighter version of the original color is **45.4776, -16.3191, 11.0081**, and **12.3240, -8.9187, 5.6060** is the 20% darker color. If you saturate the color by 10%, you get **26.5831, -14.9491, 9.6690**, and if you desaturate by 10%, it is **27.6466, -10.2965, 6.7300**.

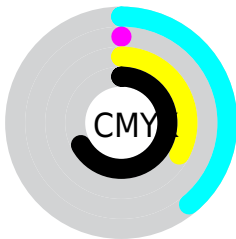
Distribution



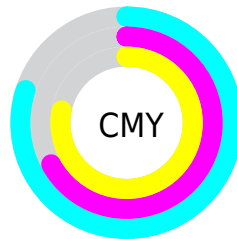
- Red (20%)
- Green (33%)
- Blue (22%)



- Red (20%)
- Yellow (31%)
- Blue (33%)



- Cyan (39%)
- Magenta (0%)
- Yellow (33%)
- Black (67%)



- Cyan (80%)
- Magenta (67%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.0739, -12.7700, 8.2659 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 27.0739, -12.7700, 8.2659 by changing the saturation by 10% instead.

■ 27.0739, -12.7700,
8.2659

■ 27.0739, -12.7700,
8.2659

■ 130.5299,
-27.2788, 19.8068

■ 19.1559, -10.8733,
6.8495

■ 45.4253, -16.2501,
10.9240

■ 12.2084, -8.7844,
5.4997

■ 55.7198, -17.8970,
12.2082

■ 5.3103, -9.2931,
3.7172

■ 66.6923, -19.5060,
13.4785

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 78.3032, -21.0882,
14.7418

0.0000, NaN, NaN

■ 90.5193, -22.6514,
16.0032

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.3119,

-24.2014, 17.2662

0.0000, NaN, NaN

116.6560,
-25.7428, 18.5334

■ 27.0739, -12.7700,
8.2659

■ 27.0739, -12.7700,
8.2659

■ 26.5831, -14.9491,
9.6690

■ 27.6466, -10.2965,
6.7300

■ 26.1721, -16.8140,
10.9242

■ 28.2987, -7.5508,
5.0765

■ 25.8399, -18.3542,
12.0203

■ 29.0291, -4.5603,
3.3223

■ 25.5837, -19.5673,
12.9493

■ 29.8357, -1.3535,
1.4842

■ 25.3984, -20.4632,
13.7072

■ 30.7157, 2.0410,
-0.4220

■ 25.2477, -21.1910,
14.2734

■ 31.6658, 5.5955,
-2.3817

■ 25.2374, -21.2399,
14.3062

■ 32.6827, 9.2846,
-4.3819

■ 33.7628, 13.0852,
-6.4112

■ 34.9028, 16.9768,
-8.4602

Harmonies

Analogous

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



27.0745, -7.7139, 11.3867



27.0739, -12.7700, 8.2659



27.0745, -14.8048, 2.4233

Triad

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



27.0745, -12.7705, 8.2662



27.0745, -2.4555, -16.8995



27.0745, 13.3293, 7.0132

Complementary

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



27.0739, -12.7700, 8.2659



21.9479, 12.4338, -6.2413

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.



27.0745, 15.1412, 0.4884



27.0739, -12.7700, 8.2659



27.0745, 5.4495, -14.6600

Square

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



27.0745, -12.7705, 8.2662



27.0745, -9.2898, -13.1862



27.0745, 12.1128, -7.7183



27.0745, 7.4066, 10.8196

Rectangle

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



27.0739, -12.7700, 8.2659



27.0745, -14.3641, -2.7739



27.0745, 12.1128, -7.7183



27.0745, 14.4661, 5.1282

Sweetspot

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



27.0745, -12.7705, 8.2662



38.0540, -7.2963, 5.1294



28.7131, -6.7514, 11.1074



19.2299, -3.8258, 2.6739



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.



27.0745, -12.7705, 8.2662



35.1737, -19.5805, 12.6628



27.4199, -10.7472, 3.2836



14.4774, -2.1774, 1.6002



31.6996, -26.7664, 18.1592



76.0682, -64.6544, 44.4918

Inverse Universe

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



21.9479, 12.4338, -6.2413



26.9934, 20.8475, -10.5215



21.4626, 10.0526, 0.5914



13.8836, 0.7167, -0.0748



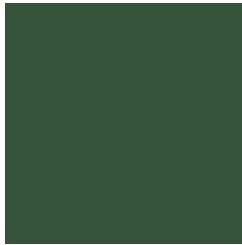
19.2157, 36.6355, -16.4815



46.0329, 87.5786, -38.0512

Previews

White Background



This preview shows how the HunterLab color 27.0739, -12.7700, 8.2659 looks on a white background.

Color Contrast Check

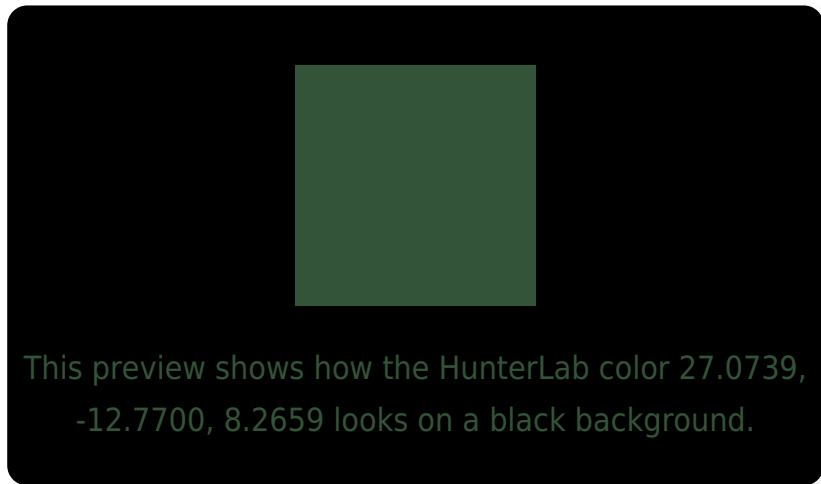
Large Text (above 18pt) WCAG AA ✓ Pass

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

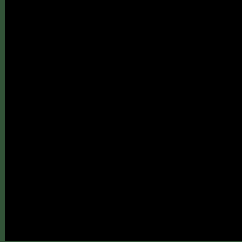
Any Text WCAG AA × Fail

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 27.0739, -12.7700, 8.2659 Background



This preview shows how black text looks on a background with the HunterLab color 27.0739, -12.7700, 8.2659.



This preview shows how white text looks on a background with the HunterLab color 27.0739,

-12.7700, 8.2659.

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

27.0739, -12.7700, 8.2659

Protanopia

26.8696, -2.4678, 9.0816

Deuteranopia

26.9151, 1.7278, 7.7972



Tritanopia

27.0098, -5.7889, -3.2511

Trichromacy



Original Color

27.0739, -12.7700, 8.2659

Protanomaly

26.8289, -6.6293, 8.7031

Deuteranomaly

26.7201, -4.1871, 7.8023

Tritanomaly

26.8680, -8.3367, 1.3216

Monochromacy



Original Color

27.0739, -12.7700, 8.2659

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

25.7919, -5.8108, 3.9426

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.0739, -12.7700, 8.2659 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(51, 84, 56)` looks like.

```
.text, #text, p{  
    color:rgb(51, 84, 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(51, 84, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 84, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 27.0739, -12.7700, 8.2659 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(51, 84, 56) }
```


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

```
.border{ border-color:rgb(51, 84, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 84, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 84, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 84, 56);  
box-shadow:4px 4px 4px 4px rgb(51, 84, 56)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.0739, -12.7700, 8.2659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 84, 56) }
```

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

```
.background{ background-color: rgb(51, 84,  
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](#).

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