

Converting Colors

HunterLab(27.4081, -11.5698,
-6.3073)

Have a look what the booklet for
HunterLab(27.4081, -11.5698,
-6.3073) contains.

HunterLab(27.3018, -11.4438, -6.3742)	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(27.3018,
-11.4438, -6.3742)**

Conversions

Conversions Part 1

Format	Color
Hex	14555E
RGB	20, 85, 94
RGB Percent	8%, 33%, 37%
CMY	0.9215, 0.6667, 0.6314
CMYK	0.79, 0.10, 0.00, 0.63
HSL	187°, 65%, 22%
HSV	187°, 79%, 37%
XYZ	5.5574, 7.4539, 11.7355
YIQ	66.5910, -41.6290, -10.9810

Conversions

Conversions Part 2

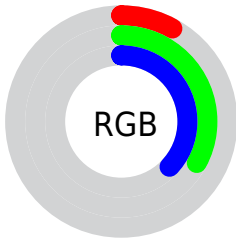
Format	Color
R_{YB}	20, 55, 94
Decimal	1332574
CIE _{Lab}	32.82, -16.36, -11.01
CIE _{LCh}	33, 19.719, 213.938
Yxy	7.4542, 0.2246, 0.3012
Android (android.graphics.Color)	4279522654 (0xFF14555E)
YUV	66.5910, 13.5126, -40.8603
Hunter-Lab	27.3018, -11.4438, -6.3742

Details

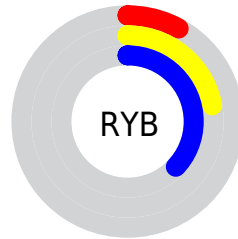
The HunterLab color **27.3018, -11.4438, -6.3742** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **18.1913, 19.0128, 9.3843**, and the grayscale version is **23.5135, -1.2546, 1.2775**.

A 20% lighter version of the original color is **45.7377, -14.6373, -6.2767**, and **13.1567, -5.4913, -4.5905** is the 20% darker color. If you saturate the color by 10%, you get **26.8240, -11.5896, -7.0811**, and if you desaturate by 10%, it is **27.8460, -11.0512, -5.5828**.

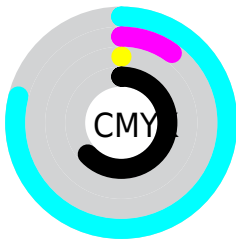
Distribution



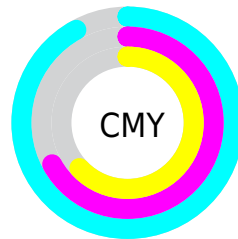
- Red (8%)
- Green (33%)
- Blue (37%)



- Red (8%)
- Yellow (22%)
- Blue (37%)



- Cyan (79%)
- Magenta (10%)
- Yellow (0%)
- Black (63%)



- Cyan (92%)
- Magenta (67%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.3018, -11.4438, -6.3742 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 27.3018, -11.4438, -6.3742 by changing the saturation by 10% instead.

27.3018, -11.4438,
-6.3742

27.3018, -11.4438,
-6.3742

130.9144,
-24.7168, -5.0808

19.3590, -9.7566,
-6.1833

45.6959, -14.5735,
-6.5093

12.3833, -7.9170,
-5.9039

56.0094, -16.0687,
-6.4700

5.5866, -9.7766,
-7.9430

66.9998, -17.5371,
-6.3681

0.0000, NaN, NaN

0.0000, NaN, NaN

78.6276, -18.9877,
-6.2091

0.0000, NaN, NaN

90.8597, -20.4267,
-5.9974

0.0000, NaN, NaN

0.0000, NaN, NaN

103.6676,

-21.8591, -5.7367

0.0000, NaN, NaN

117.0264,
-23.2882, -5.4303

27.3018, -11.4438,
-6.3742

27.3018, -11.4438,
-6.3742

26.8240, -11.5896,
-7.0811

27.8460, -11.0512,
-5.5828

26.3798, -11.6079,
-7.7494

28.4584, -10.4038,
-4.7089

26.3226, -11.6110,
-7.8363

29.1410, -9.5017,
-3.7557

29.8942, -8.3509,
-2.7286

30.7175, -6.9621,
-1.6341

■ 31.6094, -5.3493,
-0.4795

■ 32.5681, -3.5286,
0.7278

■ 33.5913, -1.5171,
1.9808

■ 34.6763, 0.6675,
3.2725

Harmonies

Analogous

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



27.3023, -13.2729, 0.6217



27.3018, -11.4438, -6.3742



27.3023, -6.9472, -12.1481

Triad

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



27.3023, -11.4438, -6.3738



27.3023, 11.2522, -4.5357



27.3023, -2.3468, 11.1811

Complementary

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



27.3018, -11.4438, -6.3742



18.1913, 19.0128, 9.3843

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.



27.3023, 4.5018, 10.4365



27.3018, -11.4438, -6.3742



27.3023, 12.7855, 2.3232

Square

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



27.3023, -11.4438, -6.3738



27.3023, 6.1989, -10.9181



27.3023, 10.2072, 7.5369



27.3023, -8.3547, 9.8953

Rectangle

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



27.3018, -11.4438, -6.3742



27.3023, -2.8199, -13.9248



27.3023, 10.2072, 7.5369



27.3023, -0.0694, 11.1576

Sweetspot

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



27.3023, -11.4438, -6.3738



41.1048, -8.3992, -1.5644



28.7075, -22.2037, 14.9482



19.9867, -4.3516, -0.9410



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



27.3023, -11.4438, -6.3738



35.0337, -15.2739, -10.0606



17.6104, 3.4535, -24.7414



16.0538, -1.7478, 0.3537



30.8892, -13.5641, -9.3277



71.6835, -30.9736, -22.7349

Inverse Universe

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



18.8046, 28.8508, -15.0060



23.2759, 42.7891, -21.3374



25.0684, 3.6204, 13.9445



15.4209, 0.8655, -0.1609



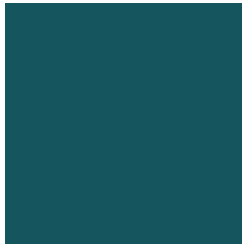
20.3542, 39.0347, -19.2313



47.5390, 91.0233, -43.7862

Previews

White Background



This preview shows how the HunterLab color 27.3018, -11.4438, -6.3742 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 27.3018, -11.4438, -6.3742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

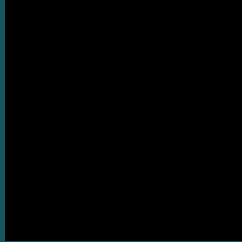
Any Text WCAG AA × Fail

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 27.3018, -11.4438, -6.3742 Background



This preview shows how black text looks on a background with the HunterLab color 27.3018, -11.4438, -6.3742.



This preview shows how white text looks on a background with the HunterLab color 27.3018,

-11.4438, -6.3742.

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

27.3018, -11.4438, -6.3742

Protanopia

27.1465, 0.1494, -3.4344

Deuteranopia

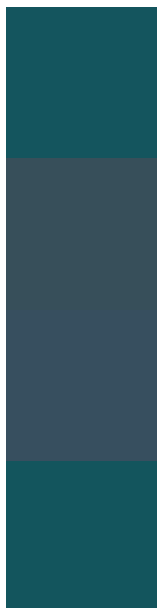
27.1524, 1.9792, -7.3986



Tritanopia

27.1998, -11.9669, -5.5200

Trichromacy



Original Color

27.3018, -11.4438, -6.3742

Protanomaly

26.7252, -5.2453, -5.0831

Deuteranomaly

26.8894, -4.3252, -7.3785

Tritanomaly

27.2502, -11.7076, -5.9455

Monochromacy



Original Color

27.3018, -11.4438, -6.3742

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

24.7214, -6.4113, -1.7181

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.3018, -11.4438, -6.3742 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(20, 85, 94)` looks like.

```
.text, #text, p{  
  color:rgb(20, 85, 94)  
}
```

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(20, 85, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 85, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 27.3018, -11.4438, -6.3742 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(20, 85, 94) }
```


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

```
.border{ border-color:rgb(20, 85, 94) }
```

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

Here you see how a box with a 4 pixel rgb(20, 85, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 85, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 85, 94);  
box-shadow:4px 4px 4px 4px rgb(20, 85, 94)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.3018, -11.4438, -6.3742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 85, 94) }
```

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

```
.background{ background-color: rgb(20, 85,  
94) }
```

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