

Converting Colors

HunterLab(62.5125, -26.4307,
-11.6735)

Have a look what the booklet for
HunterLab(62.5125, -26.4307,
-11.6735) contains.

HunterLab(62.3773, -26.3244, -11.6640)	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(62.3773,
-26.3244, -11.6640)**

Conversions

Conversions Part 1

Format	Color
Hex	3FB7C4
RGB	63, 183, 196
RGB Percent	25%, 72%, 77%
CMY	0.7529, 0.2823, 0.2314
CMYK	0.68, 0.07, 0.00, 0.23
HSL	186°, 53%, 51%
HSV	186°, 68%, 77%
XYZ	28.9472, 38.9093, 58.2091
YIQ	148.6020, -75.6930, -21.3970

Conversions

Conversions Part 2

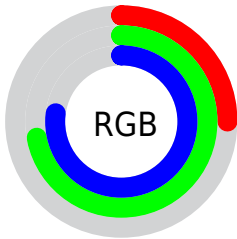
Format	Color
RYB	63, 126, 196
Decimal	4175812
CIELab	68.69, -28.62, -16.31
CIElCh	69, 32.942, 209.678
Yxy	38.9107, 0.2296, 0.3086
Android (android.graphics.Color)	4282365892 (0xFF3FB7C4)
YUV	148.6020, 23.3672, -75.0730
Hunter-Lab	62.3773, -26.3244, -11.6640

Details

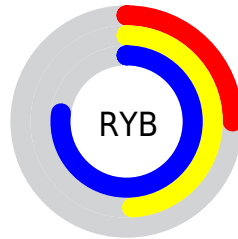
The HunterLab color **62.3773, -26.3244, -11.6640** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **41.5508, 40.0443, 19.5924**, and the grayscale version is **54.5937, -2.9130, 2.9662**.

A 20% lighter version of the original color is **85.6370, -30.3285, -12.1001**, and **42.3300, -19.8269, -10.1082** is the 20% darker color. If you saturate the color by 10%, you get **61.3117, -27.1779, -13.1990**, and if you desaturate by 10%, it is **63.6165, -24.8275, -9.9079**.

Distribution



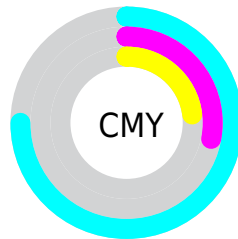
- Red (25%)
- Green (72%)
- Blue (77%)



- Red (25%)
- Yellow (49%)
- Blue (77%)



- Cyan (68%)
- Magenta (7%)
- Yellow (0%)
- Black (23%)



- Cyan (75%)
- Magenta (28%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.3773, -26.3244, -11.6640 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 62.3773, -26.3244, -11.6640 by changing the saturation by 10% instead.

62.3773, -26.3244,
-11.6640

62.3773, -26.3244,
-11.6640

184.8001,
-44.2814, -10.3911

51.6626, -24.1203,
-11.5340

85.7333, -30.5382,
-11.7340

41.6422, -21.8237,
-11.3364

98.3064, -32.5750,
-11.6842

32.3693, -19.4025,
-11.0664

111.4403,
-34.5780, -11.5824

23.9099, -16.8061,
-10.7230

125.1121,
-36.5538, -11.4318

16.3514, -13.9498,
-10.3161

139.3013,
-38.5081, -11.2350

9.8176, -13.2655,
-9.9003

153.9898,

0.0000, NaN, -NF

-40.4452, -10.9945

0.0000, NaN, NaN

169.1610,
-42.3686, -10.7126

0.0000, NaN, NaN

■ 62.3773, -26.3244,
-11.6640

■ 62.3773, -26.3244,
-11.6640

■ 61.3117, -27.1779,
-13.1990

■ 63.6165, -24.8275,
-9.9079

■ 60.4040, -27.4245,
-14.5216

■ 65.0330, -22.6754,
-7.9373

■ 59.6306, -27.1552,
-15.6582

■ 66.6309, -19.8765,
-5.7617

■ 59.4714, -27.0717,
-15.8940

■ 68.4106, -16.4549,
-3.3963

■ 70.3694, -12.4457,
-0.8591

■ 72.5033, -7.8918,
1.8305

■ 74.8064, -2.8403,
4.6530

■ 77.2721, 2.6602,
7.5895

■ 79.8932, 8.5617,
10.6225

Harmonies

Analogous

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



62.3785, -29.4754, 3.5486



62.3773, -26.3244, -11.6640



62.3785, -17.1481, -25.0111

Triad

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



62.3785, -26.3245, -11.6630



62.3785, 23.3774, -11.9920



62.3785, -3.1704, 24.9642

Complementary

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



62.3773, -26.3244, -11.6640



41.5508, 40.0443, 19.5924

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.



62.3785, 11.8028, 22.6382



62.3773, -26.3244, -11.6640



62.3785, 27.9833, 3.2418

Square

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



62.3785, -26.3245, -11.6630



62.3785, 11.4978, -25.2303



62.3785, 23.5648, 15.4390



62.3785, -16.8934, 22.7375

Rectangle

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



62.3773, -26.3244, -11.6640



62.3785, -8.3832, -29.8115



62.3785, 23.5648, 15.4390



62.3785, 1.8859, 24.6987

Sweetspot

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



62.3785, -26.3245, -11.6630



94.0416, -18.1493, -2.0167



64.0571, -47.9257, 32.6213



43.1562, -9.1209, -1.3874

0.0000, NaN, NaN



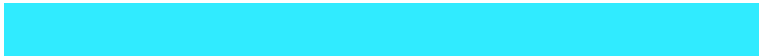
46.2646, -2.4686, 2.5136

Same Dimension

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



62.3785, -26.3245, -11.6630



81.9564, -36.8225, -18.5858



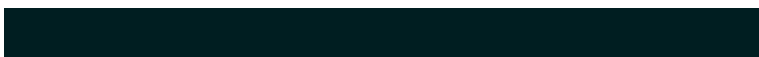
42.5430, 3.3499, -46.5101



33.5480, -4.0030, 0.6582



47.7451, -21.7932, -12.6320



10.1717, -4.8388, -2.2681

Inverse Universe

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



43.2561, 60.8538, -33.6884



54.2201, 93.7006, -50.7405



55.6985, 8.6911, 29.4661



31.9844, 2.3667, -0.7427



30.9572, 59.6136, -31.1459



6.4737, 12.5273, -6.9859

Previews

White Background



This preview shows how the HunterLab color 62.3773, -26.3244, -11.6640 looks on a white background.

Color Contrast Check

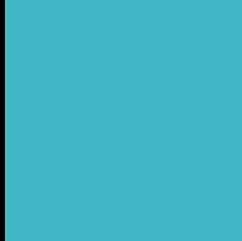
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 62.3773, -26.3244, -11.6640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

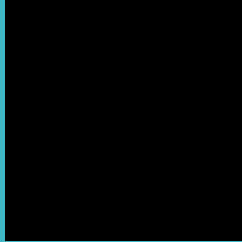
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 62.3773, -26.3244, -11.6640 Background



This preview shows how black text looks on a background with the HunterLab color 62.3773, -26.3244, -11.6640.



This preview shows how white text looks on a background with the HunterLab color 62.3773,

-26.3244, -11.6640.

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

62.3773, -26.3244, -11.6640

Protanopia

61.8575, -0.2785, -5.3538

Deuteranopia

62.0254, 4.4067, -13.9368



Tritanopia

62.4773, -25.7931, -12.6538

Trichromacy



Original Color

62.3773, -26.3244, -11.6640



Protanomaly

61.3579, -12.5900, -8.3855



Deuteranomaly

61.2700, -8.9359, -14.6889



Tritanomaly

62.4405, -26.0081, -12.1378

Monochromacy



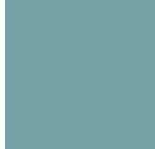
Original Color

62.3773, -26.3244, -11.6640



Achromatopsia

54.8219, -2.9252, 2.9786



Achromatomaly

56.6520, -13.7569, -3.0885

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.3773, -26.3244, -11.6640 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(63, 183, 196)` looks like.

```
.text, #text, p{  
    color:rgb(63, 183, 196)  
}
```

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(63, 183, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 183, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 62.3773, -26.3244, -11.6640 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(63, 183, 196) }
```


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

```
.border{ border-color:rgb(63, 183, 196) }
```

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

Here you see how a box with a 4 pixel rgb(63, 183, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 183, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 183, 196);  
box-shadow:4px 4px 4px 4px rgb(63, 183,  
196) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.3773, -26.3244, -11.6640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 183, 196) }
```

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

```
.background{ background-color: rgb(63, 183,  
196) }
```

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