

Converting Colors

HunterLab(27.7359, 4.0811,
-30.5398)

Have a look what the booklet for
HunterLab(27.7359, 4.0811,
-30.5398) contains.

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Color

**HunterLab(27.6662, 4.1940,
-30.4337)**

Conversions

Conversions Part 1

Format	Color
Hex	314D85
RGB	49, 77, 133
RGB Percent	19%, 30%, 52%
CMY	0.8078, 0.6980, 0.4784
CMYK	0.63, 0.42, 0.00, 0.48
HSL	220°, 46%, 36%
HSV	220°, 63%, 52%
XYZ	8.1541, 7.6542, 23.2379
YIQ	75.0120, -34.6640, 11.4800

Conversions

Conversions Part 2

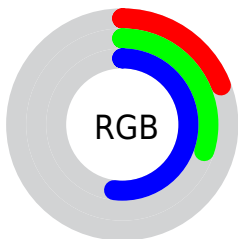
Format	Color
R _Y B	49, 70, 133
Decimal	3231109
CIE Lab	33.25, 8.23, -34.60
CIE LCh	33, 35.567, 283.376
Yxy	7.6544, 0.2088, 0.1960
Android (android.graphics.Color)	4281421189 (0xFF314D85)
YUV	75.0120, 28.5881, -22.8125
Hunter-Lab	27.6662, 4.1940, -30.4337




Details

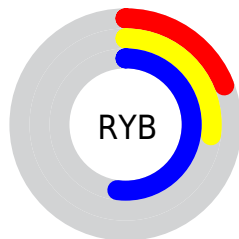
The HunterLab color $[27.6662, 4.1940, -30.4337]$ is a dark color, and the websafe version is hex 003366 . A complement of this color would be $[39.1310, 1.2193, 19.7303]$, and the grayscale version is $[26.4404, -1.4108, 1.4366]$.




A 20% lighter version of the original color is $[46.2527, 4.0536, -31.6938]$, and $[13.2988, 5.3615, -28.1964]$ is the 20% darker color. If you saturate the color by 10%, you get $[24.9273, 6.6905, -37.3032]$, and if you desaturate by 10%, it is $[30.5974, 2.2067, -24.1070]$.

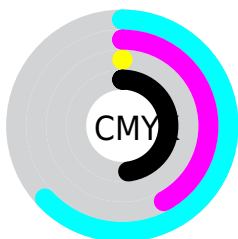
Distribution







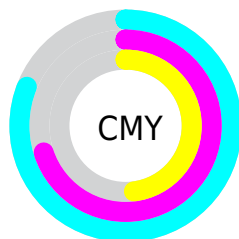
-  Red (19%)
-  Green (30%)
-  Blue (52%)






-  Red (19%)
-  Yellow (27%)
-  Blue (52%)



-  Cyan (63%)
-  Magenta (42%)
-  Yellow (0%)
-  Black (48%)



-  Cyan (81%)
-  Magenta (70%)
-  Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.6662, 4.1940, -30.4337 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 27.6662, 4.1940, -30.4337 by changing the saturation by 10% instead.

■ 27.6662, 4.1940,
-30.4337

■ 27.6662, 4.1940,
-30.4337

■ 131.5279, 2.2784,
-35.0984

■ 19.6841, 4.0618,
-30.0845

■ 46.1283, 4.1880,
-31.6068

■ 12.6637, 3.8102,
-30.3216

■ 56.4720, 4.0751,
-32.2279

■ 6.0007, 5.6545,
-37.7056

■ 67.4908, 3.9005,
-32.8223

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 79.1454, 3.6704,
-33.3760

0.0000, NaN, NaN

■ 91.4030, 3.3895,
-33.8824

0.0000, NaN, NaN

■ 104.2353, 3.0618,

0.0000, NaN, NaN

-34.3386

0.0000, NaN, NaN

117.6175, 2.6905,
-34.7438

■ 27.6662, 4.1940,
-30.4337

■ 27.6662, 4.1940,
-30.4337

■ 24.9273, 6.6905,
-37.3032

■ 30.5974, 2.2067,
-24.1070

■ 22.4145, 9.7606,
-44.7147

■ 33.6906, 0.6527,
-18.2802

■ 20.1687, 13.4295,
-52.5704

■ 36.9233, -0.5380,
-12.8900

■ 18.7604, 16.1387,
-58.2877

■ 40.2770, -1.4263,
-7.8721

■ 43.7370, -2.0625,
-3.1671

■ 47.2913, -2.4881,
1.2765

■ 50.9305, -2.7363,
5.5025

■ 54.6464, -2.8340,
9.5471

■ 58.4326, -2.8033,
13.4407

Harmonies

Analogous

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



27.6667, -7.9088, -29.7836



27.6662, 4.1940, -30.4337



27.6667, 16.6607, -20.2769

Triad

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



27.6667, 4.1943, -30.4330



27.6667, 17.8435, 12.9106



27.6667, -20.6488, 7.1879

Complementary

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



27.6662, 4.1940, -30.4337



39.1310, 1.2193, 19.7303

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.



27.6667, -15.8875, 13.3563



27.6662, 4.1940, -30.4337



27.6667, 5.6004, 15.5345

Square

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



27.6667, 4.1943, -30.4330



27.6667, 25.4187, 6.2110



27.6667, -6.7267, 15.6513



27.6667, -20.8920, -4.2052

Rectangle

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



27.6662, 4.1940, -30.4337



27.6667, 22.9293, -10.5571



27.6667, -6.7267, 15.6513



27.6667, -19.5671, 9.7936

Sweetspot

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



27.6667, 4.1943, -30.4330



55.6068, -2.2618, -8.1455



42.9514, -24.4455, 7.5894



25.8584, -0.9655, -4.6105



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



27.6667, 4.1943, -30.4330



31.7794, 10.7326, -54.3688



22.2426, 20.3193, -45.0894



21.8621, -1.0928, -0.6523



18.3470, 15.6545, -56.7258



1.5504, -0.0428, -1.8456

Inverse Universe

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



27.7838, 29.1868, 2.6478



33.5011, 46.8597, 6.0533



45.7373, -15.4503, 24.1452



21.7081, 0.9196, 0.9923



22.1963, 38.8091, 8.1623



1.3534, 2.4554, -0.1922

Previews

White Background



This preview shows how the HunterLab color 27.6662, 4.1940, -30.4337 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 27.6662, 4.1940, -30.4337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

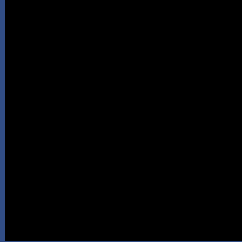
Any Text WCAG AA × Fail

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 27.6662, 4.1940, -30.4337 Background



This preview shows how black text looks on a background with the HunterLab color 27.6662, 4.1940, -30.4337.



This preview shows how white text looks on a background with the HunterLab color 27.6662, 4.1940, -30.4337.

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

27.6662, 4.1940, -30.4337

Protanopia

27.6027, 5.1793, -29.7906

Deuteranopia

27.7443, 1.8168, -30.2932



Tritanopia

27.7108, -11.4193, -5.2821

Trichromacy



Original Color

27.6662, 4.1940, -30.4337

Protanomaly

27.5043, 4.8604, -30.0245

Deuteranomaly

27.6306, 2.7656, -30.5420

Tritanomaly

27.6162, -6.3591, -13.5536

Monochromacy



Original Color

27.6662, 4.1940, -30.4337

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

26.7800, -0.5900, -8.0092

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.6662, 4.1940, -30.4337 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(49, 77, 133)` looks like.

```
.text, #text, p{  
    color:rgb(49, 77, 133)  
}
```

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(49, 77, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 77, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 27.6662, 4.1940, -30.4337 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(49, 77, 133) }
```


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

```
.border{ border-color:rgb(49, 77, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 77, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 77, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 77, 133);  
box-shadow:4px 4px 4px 4px rgb(49, 77,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.6662, 4.1940, -30.4337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 77, 133) }
```

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

```
.background{ background-color: rgb(49, 77,  
133) }
```

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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