

Converting Colors

HunterLab(27.4907, 2.1365,
-17.0227)

Have a look what the booklet for
HunterLab(27.4907, 2.1365,
-17.0227) contains.

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Color

**HunterLab(27.5500, 1.9936,
-16.6106)**

Conversions

Conversions Part 1

Format	Color
Hex	404D71
RGB	64, 77, 113
RGB Percent	25%, 30%, 44%
CMY	0.7490, 0.6980, 0.5569
CMYK	0.43, 0.32, 0.00, 0.56
HSL	224°, 28%, 35%
HSV	224°, 43%, 44%
XYZ	7.7489, 7.5900, 16.6794
YIQ	77.2170, -19.3040, 8.4400

Conversions

Conversions Part 2

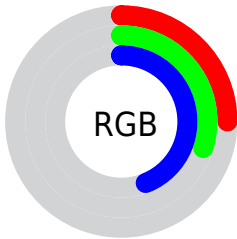
Format	Color
RYB	64, 74, 113
Decimal	4214129
CIELab	33.11, 5.11, -22.33
CIELCh	33, 22.910, 282.881
Yxy	7.5903, 0.2420, 0.2371
Android (android.graphics.Color)	4282404209 (0xFF404D71)
YUV	77.2170, 17.6410, -11.5913
Hunter-Lab	27.5500, 1.9936, -16.6106

Details

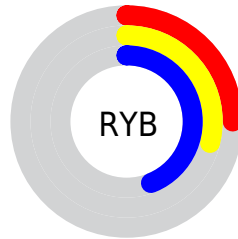
The HunterLab color $27.5500, 1.9936, -16.6106$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $36.0494, -2.2174, 14.1965$, and the grayscale version is $27.2643, -1.4548, 1.4813$.

A 20% lighter version of the original color is $46.0605, 1.5194, -17.4127$, and $12.5337, 2.2056, -15.8954$ is the 20% darker color. If you saturate the color by 10%, you get $24.8203, 3.6194, -21.9622$, and if you desaturate by 10%, it is $30.4060, 0.6722, -11.7160$.

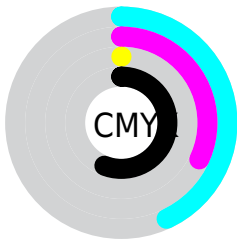
Distribution



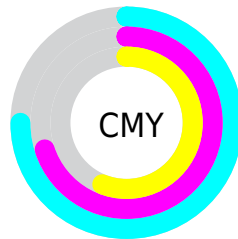
- Red (25%)
- Green (30%)
- Blue (44%)



- Red (25%)
- Yellow (29%)
- Blue (44%)



- Cyan (43%)
- Magenta (32%)
- Yellow (0%)
- Black (56%)



- Cyan (75%)
- Magenta (70%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.5500, 1.9936, -16.6106 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 27.5500, 1.9936, -16.6106 by changing the saturation by 10% instead.

■ 27.5500, 1.9936,
-16.6106

■ 27.5500, 1.9936,
-16.6106

■ 131.3325, -1.2729,
-18.8079

■ 19.5804, 2.0653,
-16.1100

■ 45.9905, 1.6256,
-17.5137

■ 12.5742, 2.0403,
-15.6852

■ 56.3246, 1.3496,
-17.8778

■ 5.8721, 3.4761,
-19.1162

■ 67.3344, 1.0210,
-18.1787

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 78.9805, 0.6447,
-18.4176

0.0000, NaN, NaN

■ 91.2300, 0.2243,
-18.5972

0.0000, NaN, NaN

0.0000, NaN, NaN

104.0545, -0.2371,

-18.7202

0.0000, NaN, NaN

117.4293, -0.7369,
-18.7896

■ 27.5500, 1.9936,
-16.6106

■ 27.5500, 1.9936,
-16.6106

■ 24.8203, 3.6194,
-21.9622

■ 30.4060, 0.6722,
-11.7160

■ 22.2385, 5.6144,
-27.8509

■ 33.3690, -0.3996,
-7.2040

■ 19.8351, 8.0467,
-34.3362

■ 36.4255, -1.2669,
-3.0065

■ 17.6485, 10.9712,
-41.4182

■ 39.5647, -1.9659,
0.9332

■ 15.7220, 14.3826,
-48.9768

■ 42.7776, -2.5254,
4.6617

■ 14.5594, 16.7502,
-54.3567

■ 46.0574, -2.9681,
8.2168

■ 49.3980, -3.3126,
11.6293

■ 52.7947, -3.5735,
14.9243

■ 56.2434, -3.7627,
18.1218

Harmonies

Analogous

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



27.5505, -5.7976, -16.1704



27.5500, 1.9936, -16.6106



27.5505, 9.6335, -11.3137

Triad

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



27.5505, 1.9935, -16.6100



27.5505, 10.5532, 9.6251



27.5505, -14.5257, 5.4195

Complementary

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



27.5500, 1.9936, -16.6106



36.0494, -2.2174, 14.1965

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.



27.5505, -11.0558, 10.1190



27.5500, 1.9936, -16.6106



27.5505, 3.1392, 12.0358

Square

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



27.5505, 1.9935, -16.6100



27.5505, 14.9368, 4.5274



27.5505, -4.7733, 12.1867



27.5505, -14.7587, -1.9162

Rectangle

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



27.5500, 1.9936, -16.6106



27.5505, 13.3776, -5.9255



27.5505, -4.7733, 12.1867



27.5505, -13.7187, 7.3018

Sweetspot

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



27.5505, 1.9935, -16.6100



48.7486, -1.6967, -4.0159



37.1743, -15.5169, 3.4322



23.0908, -0.7256, -2.3965



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



27.5505, 1.9935, -16.6100



33.2028, 4.8506, -29.4114



25.2444, 10.6217, -20.9513



18.5235, -0.7800, -0.6161



15.4094, 18.1190, -58.3741



32.5413, 46.0055, -139.9865

Inverse Universe

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



27.7735, 15.5589, 2.3970



33.9915, 26.3888, 3.9870



38.7042, -11.1845, 16.2227



18.4789, 0.6737, 0.9828



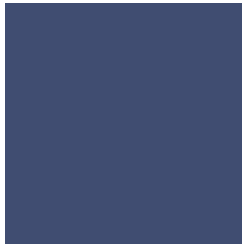
20.2127, 35.1253, 9.1040



44.9742, 77.8843, 22.3583

Previews

White Background



This preview shows how the HunterLab color 27.5500, 1.9936, -16.6106 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 27.5500, 1.9936, -16.6106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

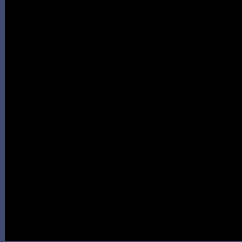
Any Text WCAG AA × Fail

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 27.5500, 1.9936, -16.6106 Background



This preview shows how black text looks on a background with the HunterLab color 27.5500, 1.9936, -16.6106.



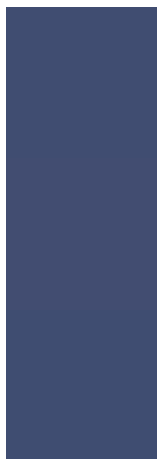
This preview shows how white text looks on a background with the HunterLab color 27.5500, 1.9936, -16.6106.

-16.6106.

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

27.5500, 1.9936, -16.6106

Protanopia

27.6736, 2.4071, -16.3770

Deuteranopia

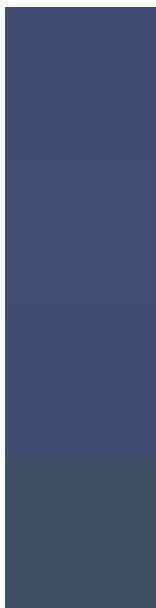
27.4896, 1.7910, -16.7252



Tritanopia

27.5845, -6.4305, -2.9595

Trichromacy



Original Color

27.5500, 1.9936, -16.6106

Protanomaly

27.6113, 2.1990, -16.4945

Deuteranomaly

27.4896, 1.7910, -16.7252

Tritanomaly

27.4974, -3.3950, -7.5008

Monochromacy



Original Color

27.5500, 1.9936, -16.6106

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

27.2464, -0.6962, -4.2719

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.5500, 1.9936, -16.6106 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(64, 77, 113)` looks like.

```
.text, #text, p{  
    color:rgb(64, 77, 113)  
}
```

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(64, 77, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 77, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 27.5500, 1.9936, -16.6106 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(64, 77, 113) }
```


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

```
.border{ border-color:rgb(64, 77, 113) }
```

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

Here you see how a box with a 4 pixel rgb(64, 77, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 77, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 77, 113);  
box-shadow:4px 4px 4px 4px rgb(64, 77,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.5500, 1.9936, -16.6106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 77, 113) }
```

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

```
.background{ background-color: rgb(64, 77,  
113) }
```

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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