

Converting Colors

HunterLab(30.9808, -1.5904,
-16.8070)

Have a look what the booklet for
HunterLab(30.9808, -1.5904,
-16.8070) contains.

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Color

**HunterLab(30.9822, -1.5936,
-16.7971)**

Conversions

Conversions Part 1

Format	Color
Hex	3E597B
RGB	62, 89, 123
RGB Percent	24%, 35%, 48%
CMY	0.7569, 0.6510, 0.5176
CMYK	0.50, 0.28, 0.00, 0.52
HSL	213°, 33%, 36%
HSV	213°, 50%, 48%
XYZ	9.1342, 9.5990, 20.1103
YIQ	84.8030, -27.0060, 4.8500

Conversions

Conversions Part 2

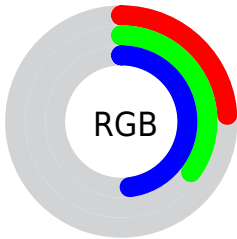
Format	Color
R_{YB}	62, 81, 123
Decimal	4086139
CIE _{Lab}	37.11, 0.09, -22.32
CIE _{LCh}	37, 22.324, 270.228
Yxy	9.5993, 0.2352, 0.2471
Android (android.graphics.Color)	4282276219 (0xFF3E597B)
YUV	84.8030, 18.8311, -19.9982
Hunter-Lab	30.9822, -1.5936, -16.7971

Details

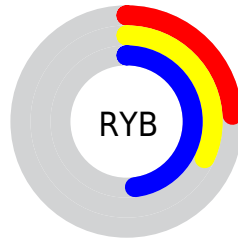
The HunterLab color $[30.9822, -1.5936, -16.7971]$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $[35.9512, 2.7288, 14.6841]$, and the grayscale version is $[30.0092, -1.6012, 1.6305]$.

A 20% lighter version of the original color is $[50.1104, -2.6325, -17.7669]$, and $[15.3002, -0.8250, -15.6918]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.5609, -0.5814, -21.3119]$, and if you desaturate by 10%, it is $[33.5227, -2.2624, -12.5260]$.

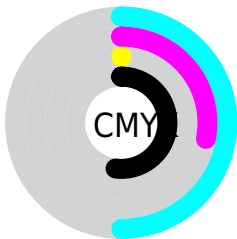
Distribution



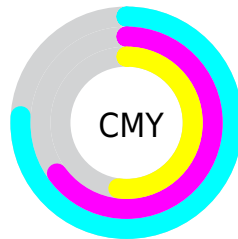
- Red (24%)
- Green (35%)
- Blue (48%)



- Red (24%)
- Yellow (32%)
- Blue (48%)



- Cyan (50%)
- Magenta (28%)
- Yellow (0%)
- Black (52%)



- Cyan (76%)
- Magenta (65%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.9822, -1.5936, -16.7971 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 30.9822, -1.5936, -16.7971 by changing the saturation by 10% instead.

■ 30.9822, -1.5936,
-16.7971

■ 30.9822, -1.5936,
-16.7971

■ 137.0357, -7.2188,
-18.7893

■ 22.6586, -1.1551,
-16.2992

■ 50.0391, -2.6009,
-17.6567

■ 15.2518, -0.7663,
-15.8240

■ 60.6485, -3.1628,
-17.9951

■ 8.8742, -0.4304,
-15.6434

■ 71.9171, -3.7602,
-18.2707

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 83.8081, -4.3911,
-18.4852

0.0000, NaN, NaN

■ 96.2908, -5.0537,
-18.6416

0.0000, NaN, NaN

■ 109.3381, -5.7467,

0.0000, NaN, NaN

-18.7425

0.0000, NaN, NaN

122.9267, -6.4688,
-18.7909

■ 30.9822, -1.5936,
-16.7971

■ 30.9822, -1.5936,
-16.7971

■ 28.5609, -0.5814,
-21.3119

■ 33.5227, -2.2624,
-12.5260

■ 26.2725, 0.8244,
-26.0857

■ 36.1674, -2.6347,
-8.4794

■ 24.1350, 2.6722,
-31.1157

■ 38.9055, -2.7520,
-4.6323

■ 22.1669, 4.9982,
-36.3750

■ 41.7274, -2.6502,
-0.9604

■ 20.3455, 7.6880,
-41.9373

■ 44.6250, -2.3594,
2.5591

■ 20.2726, 7.7999,
-42.1767

■ 47.5915, -1.9052,
5.9469

■ 50.6209, -1.3086,
9.2212

■ 53.7083, -0.5876,
12.3980

■ 56.8495, 0.2430,
15.4911

Harmonies

Analogous

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



30.9828, -8.9265, -13.8864



30.9822, -1.5936, -16.7971



30.9828, 6.4727, -13.8011

Triad

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



30.9828, -1.5937, -16.7964



30.9828, 12.7820, 8.1838



30.9828, -13.9042, 8.1061

Complementary

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



30.9822, -1.5936, -16.7971



35.9512, 2.7288, 14.6841

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.



30.9828, -9.0223, 11.8499



30.9822, -1.5936, -16.7971



30.9828, 6.3562, 11.8861

Square

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



30.9828, -1.5937, -16.7964



30.9828, 15.2700, 1.7446



30.9828, -1.7159, 13.0379



30.9828, -15.5809, 1.6283

Rectangle

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



30.9822, -1.5936, -16.7971



30.9828, 11.0716, -9.2065



30.9828, -1.7159, 13.0379



30.9828, -12.6097, 9.6607

Sweetspot

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



30.9828, -1.5937, -16.7964



53.6442, -3.6585, -4.0971



40.0332, -20.2955, 8.0834



25.7155, -1.7833, -2.4069



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



30.9828, -1.5937, -16.7964



37.6286, -0.4661, -29.6954



24.4974, 11.6427, -30.0543



20.3922, -1.2852, -0.3754



20.5933, 7.9875, -42.9826



43.1134, 21.4643, -100.2233

Inverse Universe

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



28.9445, 21.4666, -1.1493



35.0669, 35.9866, -1.2449



43.0156, -10.1630, 20.0459



20.1042, 0.9111, 0.6816



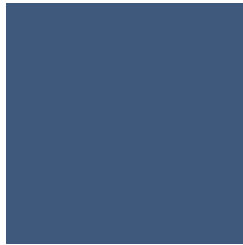
21.5290, 38.1639, 3.8743



46.8440, 82.7067, 11.0072

Previews

White Background



This preview shows how the HunterLab color 30.9822, -1.5936, -16.7971 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 30.9822, -1.5936, -16.7971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

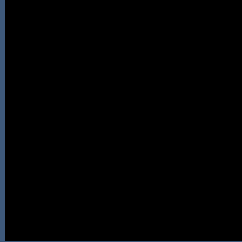
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

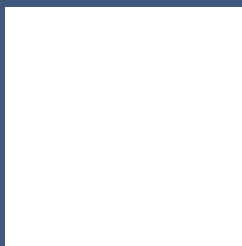
Any Text WCAG AAA × Fail

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

HunterLab 30.9822, -1.5936, -16.7971 Background



This preview shows how black text looks on a background with the HunterLab color 30.9822, -1.5936, -16.7971.

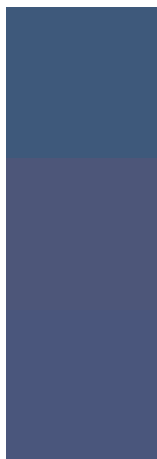


This preview shows how white text looks on a background with the HunterLab color 30.9822, -1.5936, -16.7971.

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

30.9822, -1.5936, -16.7971

Protanopia

31.0062, 2.3846, -15.4425

Deuteranopia

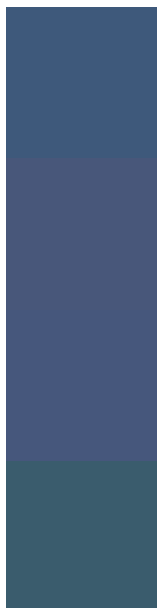
30.9300, 2.3710, -17.4527



Tritanopia

30.9524, -8.9606, -4.6679

Trichromacy



Original Color

30.9822, -1.5936, -16.7971

Protanomaly

30.9827, 1.0515, -16.1251

Deuteranomaly

30.9414, 1.0735, -17.4549

Tritanomaly

31.0773, -6.5261, -8.5670

Monochromacy



Original Color

30.9822, -1.5936, -16.7971

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

30.2229, -1.8582, -4.5667

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.9822, -1.5936, -16.7971 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(62, 89, 123)` looks like.

```
.text, #text, p{  
    color:rgb(62, 89, 123)  
}
```

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(62, 89, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 89, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 30.9822, -1.5936, -16.7971 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(62, 89, 123) }
```


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

```
.border{ border-color:rgb(62, 89, 123) }
```

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

Here you see how a box with a 4 pixel rgb(62, 89, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 89, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 89, 123);  
box-shadow:4px 4px 4px 4px rgb(62, 89,  
123) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.9822, -1.5936, -16.7971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 89, 123) }
```

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

```
.background{ background-color: rgb(62, 89,  
123) }
```

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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