

Converting Colors

HunterLab(37.8420, -2.2660,
-21.5974)

Have a look what the booklet for
HunterLab(37.8420, -2.2660,
-21.5974) contains.

HunterLab(37.8306, -2.3397, -21.2928)	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(37.8306, -2.3397,
-21.2928)

Conversions

Conversions Part 1

Format	Color
Hex	496C95
RGB	73, 108, 149
RGB Percent	29%, 42%, 58%
CMY	0.7137, 0.5765, 0.4157
CMYK	0.51, 0.28, 0.00, 0.42
HSL	212°, 34%, 44%
HSV	212°, 51%, 58%
XYZ	13.5351, 14.3115, 30.4828
YIQ	102.2090, -34.0210, 5.3310

Conversions

Conversions Part 2

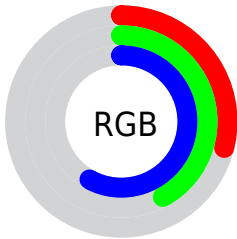
Format	Color
R_{YB}	73, 97, 149
Decimal	4811925
CIE _{Lab}	44.68, -0.43, -26.22
CIE _{LCh}	45, 26.225, 269.051
Yxy	14.3121, 0.2320, 0.2454
Android (android.graphics.Color)	4283002005 (0xFF496C95)
YUV	102.2090, 23.0680, -25.6163
Hunter-Lab	37.8306, -2.3397, -21.2928

Details

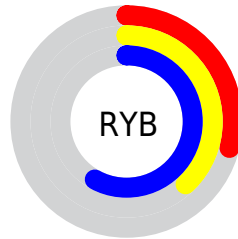
The HunterLab color $37.8306, -2.3397, -21.2928$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $43.4809, 4.4323, 18.2744$, and the grayscale version is $36.4557, -1.9452, 1.9807$.

A 20% lighter version of the original color is $57.9169, -3.4030, -22.2108$, and $20.7867, -1.4239, -20.1753$ is the 20% darker color. If you saturate the color by 10%, you get $34.8998, -1.0824, -26.8195$, and if you desaturate by 10%, it is $40.9145, -3.1476, -16.0481$.

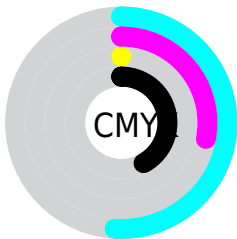
Distribution



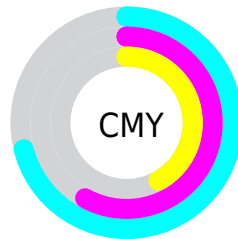
- Red (29%)
- Green (42%)
- Blue (58%)



- Red (29%)
- Yellow (38%)
- Blue (58%)



- Cyan (51%)
- Magenta (28%)
- Yellow (0%)
- Black (42%)



- Cyan (71%)
- Magenta (58%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.8306, -2.3397, -21.2928 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 37.8306, -2.3397, -21.2928 by changing the saturation by 10% instead.

■ 37.8306, -2.3397,
-21.2928

■ 37.8306, -2.3397,
-21.2928

■ 148.0418, -8.4104,
-23.8994

■ 28.8756, -1.8338,
-20.7511

■ 58.0015, -3.4660,
-22.2606

■ 20.7654, -1.3702,
-20.2277

■ 69.1130, -4.0817,
-22.6629

■ 13.5999, -0.9529,
-19.8602

■ 80.8555, -4.7299,
-23.0068

■ 7.1958, -0.6472,
-21.5238

■ 93.1966, -5.4090,
-23.2929

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 106.1086, -6.1178,
-23.5231

0.0000, NaN, NaN

119.5674, -6.8549,

0.0000, NaN, NaN

-23.6993

0.0000, NaN, NaN

133.5514, -7.6195,
-23.8240

■ 37.8306, -2.3397,
-21.2928

■ 37.8306, -2.3397,
-21.2928

■ 34.8998, -1.0824,
-26.8195

■ 40.9145, -3.1476,
-16.0481

■ 32.1392, 0.6865,
-32.6388

■ 44.1326, -3.5657,
-11.0679

■ 29.5707, 3.0235,
-38.7369

■ 47.4710, -3.6478,
-6.3258

■ 27.2152, 5.9650,
-45.0711

■ 50.9174, -3.4405,
-1.7948

■ 25.2573, 9.0130,
-51.0260

■ 54.4612, -2.9835,
2.5513

■ 58.0934, -2.3105,
6.7367

■ 61.8065, -1.4495,
10.7831

■ 65.5939, -0.4241,
14.7098

■ 69.4499, 0.7460,
18.5334

Harmonies

Analogous

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



37.8313, -11.4465, -17.3214



37.8306, -2.3397, -21.2928



37.8313, 7.8188, -17.7718

Triad

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



37.8313, -2.3397, -21.2920



37.8313, 16.3802, 9.9363



37.8313, -17.1960, 10.3392

Complementary

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



37.8306, -2.3397, -21.2928



43.4809, 4.4323, 18.2744

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.



37.8313, -10.9470, 14.8536



37.8306, -2.3397, -21.2928



37.8313, 8.4293, 14.6672

Square

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



37.8313, -2.3397, -21.2920



37.8313, 19.2841, 1.7539



37.8313, -1.7004, 16.2050



37.8313, -19.4545, 2.3621

Rectangle

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



37.8306, -2.3397, -21.2928



37.8313, 13.6944, -12.0636



37.8313, -1.7004, 16.2050



37.8313, -15.5268, 12.2271

Sweetspot

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



37.8313, -2.3397, -21.2920



66.1392, -4.7672, -4.9767



49.1081, -25.9413, 10.7527



30.7234, -2.2684, -2.8856



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



37.8313, -2.3397, -21.2920



46.2353, -1.1952, -36.8299



29.0742, 15.1283, -39.8043



24.5901, -1.6100, -0.4752



23.2966, 8.0097, -46.4093



3.5259, -0.7603, -2.7659

Inverse Universe

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



34.9828, 27.9936, -1.9998



42.6224, 45.9540, -2.3211



53.0379, -12.4219, 25.4171



24.2016, 1.2016, 0.7547



23.9609, 42.5509, 3.7226



2.7589, 5.0978, -1.1096

Previews

White Background



This preview shows how the HunterLab color 37.8306, -2.3397, -21.2928 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 × Fail

Black Background



This preview shows how the HunterLab color 37.8306, -2.3397, -21.2928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

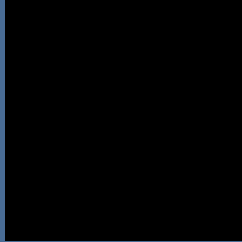
Any Text WCAG AA × Fail

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 37.8306, -2.3397, -21.2928 Background



This preview shows how black text looks on a background with the HunterLab color 37.8306, -2.3397, -21.2928.

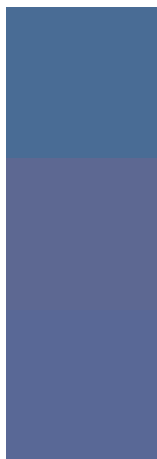


This preview shows how white text looks on a background with the HunterLab color 37.8306, -2.3397, -21.2928.

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

37.8306, -2.3397, -21.2928

Protanopia

37.8194, 2.9743, -19.2763

Deuteranopia

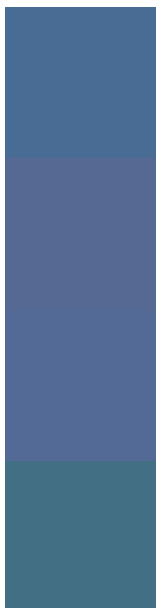
37.7180, 2.9702, -22.0630



Tritanopia

37.8225, -11.7634, -5.7629

Trichromacy



Original Color

37.8306, -2.3397, -21.2928

Protanomaly

37.6672, 1.1649, -20.2189

Deuteranomaly

37.6087, 1.2200, -22.2928

Tritanomaly

37.7202, -8.4475, -11.2178

Monochromacy



Original Color

37.8306, -2.3397, -21.2928

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

36.6834, -2.9116, -5.6551

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.8306, -2.3397, -21.2928 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(73, 108, 149)` looks like.

```
.text, #text, p{  
    color:rgb(73, 108, 149)  
}
```

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(73, 108, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 108, 149) }
```

Border

The CSS property to change the border of an element to HunterLab 37.8306, -2.3397, -21.2928 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(73, 108, 149) }
```


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

```
.border{ border-color:rgb(73, 108, 149) }
```

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

Here you see how a box with a 4 pixel rgb(73, 108, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 108, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 108, 149);  
box-shadow:4px 4px 4px 4px rgb(73, 108,  
149) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.8306, -2.3397, -21.2928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 108, 149) }
```

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

```
.background{ background-color: rgb(73, 108,  
149) }
```

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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