

Converting Colors

HunterLab(39.3621, -3.9437,
-20.5593)

Have a look what the booklet for
HunterLab(39.3621, -3.9437,
-20.5593) contains.

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Color

**HunterLab(39.3621, -3.9437,
-20.5593)**

Conversions

Conversions Part 1

Format	Color
Hex	497198
RGB	73, 113, 152
RGB Percent	29%, 44%, 60%
CMY	0.7137, 0.5569, 0.4039
CMYK	0.52, 0.26, 0.00, 0.40
HSL	210°, 35%, 44%
HSV	210°, 52%, 60%
XYZ	14.3203, 15.4937, 31.9416
YIQ	105.4860, -36.3590, 3.6490

Conversions

Conversions Part 2

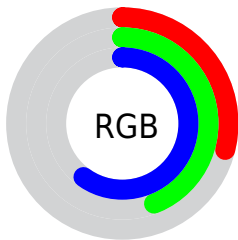
Format	Color
R_{YB}	73, 100, 152
Decimal	4813208
CIE _{Lab}	46.30, -2.49, -25.47
CIE _{LCh}	46, 25.593, 264.414
Yxy	15.4943, 0.2319, 0.2509
Android (android.graphics.Color)	4283003288 (0xFF497198)
YUV	105.4860, 22.9314, -28.4902
Hunter-Lab	39.3621, -3.9437, -20.5593

Details

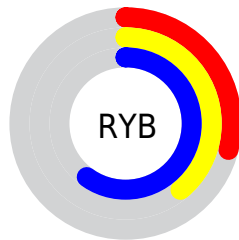
The HunterLab color $[39.3621, -3.9437, -20.5593]$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $[43.2960, 6.4658, 18.1593]$, and the grayscale version is $[37.6958, -2.0114, 2.0481]$.

A 20% lighter version of the original color is $[59.8349, -5.6688, -21.0901]$, and $[21.9220, -2.4938, -19.8341]$ is the 20% darker color. If you saturate the color by 10%, you get $[36.5590, -2.9294, -25.7001]$, and if you desaturate by 10%, it is $[42.3162, -4.4994, -15.6255]$.

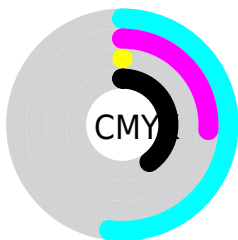
Distribution



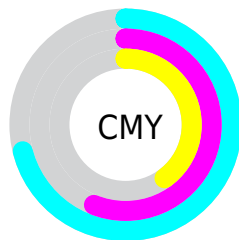
- Red (29%)
- Green (44%)
- Blue (60%)



- Red (29%)
- Yellow (39%)
- Blue (60%)



- Cyan (52%)
- Magenta (26%)
- Yellow (0%)
- Black (40%)



- Cyan (71%)
- Magenta (56%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.3621, -3.9437, -20.5593 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 39.3621, -3.9437, -20.5593 by changing the saturation by 10% instead.

■ 39.3621, -3.9437,
-20.5593

■ 39.3621, -3.9437,
-20.5593

150.4457,
-10.9302, -22.9030

■ 30.2771, -3.3012,
-20.0325

■ 59.7646, -5.3132,
-21.4751

■ 22.0234, -2.6869,
-19.5032

■ 70.9812, -6.0392,
-21.8474

■ 14.6959, -2.0994,
-19.0759

■ 82.8231, -6.7917,
-22.1606

■ 8.3539, -1.7456,
-19.3867

■ 95.2589, -7.5702,
-22.4160

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 108.2614, -8.3740,
-22.6156

0.0000, NaN, NaN

121.8070, -9.2023,

0.0000, NaN, NaN

-22.7617

0.0000, NaN, NaN

135.8746,
-10.0546, -22.8567

■ 39.3621, -3.9437,
-20.5593

■ 39.3621, -3.9437,
-20.5593

■ 36.5590, -2.9294,
-25.7001

■ 42.3162, -4.4994,
-15.6255

■ 33.9210, -1.4015,
-31.0454

■ 45.4042, -4.6517,
-10.8946

■ 31.4657, 0.6876,
-36.5735

■ 48.6134, -4.4516,
-6.3528

■ 29.2080, 3.3640,
-42.2444

■ 51.9321, -3.9448,
-1.9837

■ 27.5126, 5.8246,
-46.9619

■ 55.3502, -3.1709,
2.2305

■ 58.8588, -2.1641,
6.3070

■ 62.4504, -0.9532,
10.2622

■ 66.1183, 0.4371,
14.1112

■ 69.8568, 1.9861,
17.8676

Harmonies

Analogous

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



39.3628, -12.6082, -15.6745



39.3621, -3.9437, -20.5593



39.3628, 6.1041, -18.2431

Triad

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



39.3628, -3.9437, -20.5585



39.3628, 16.8355, 8.9347



39.3628, -16.4572, 11.3142

Complementary

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



39.3621, -3.9437, -20.5593



43.2960, 6.4658, 18.1593

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.



39.3628, -9.6872, 15.3526



39.3621, -3.9437, -20.5593



39.3628, 9.6357, 14.2361

Square

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



39.3628, -3.9437, -20.5585



39.3628, 18.7590, 0.3334



39.3628, -0.2266, 16.2715



39.3628, -19.3592, 3.8699

Rectangle

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



39.3621, -3.9437, -20.5593



39.3628, 12.1704, -13.1639



39.3628, -0.2266, 16.2715



39.3628, -14.5929, 13.0335

Sweetspot

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



39.3628, -3.9437, -20.5585



67.0647, -5.5796, -5.1278



50.0251, -27.3991, 12.4578



31.5786, -2.7195, -2.9645



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



39.3628, -3.9437, -20.5585



48.1259, -3.6797, -35.0065



29.3668, 14.7747, -41.6207



25.5291, -1.8148, -0.3931



25.3157, 5.0972, -42.6458



4.1056, -1.0495, -2.8660

Inverse Universe

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



35.5434, 29.7652, -3.6385



43.0666, 48.1794, -4.8153



54.0262, -11.3931, 26.1730



25.0445, 1.3076, 0.6463



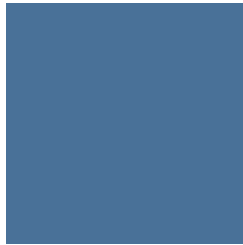
24.6014, 43.9804, 1.5576



3.1277, 5.8086, -1.4852

Previews

White Background



This preview shows how the HunterLab color 39.3621, -3.9437, -20.5593 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 39.3621, -3.9437, -20.5593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

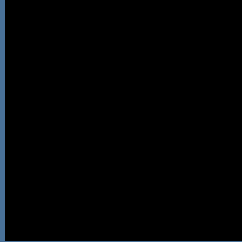
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

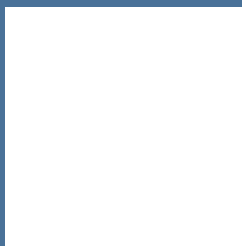
Any Text WCAG AAA × Fail

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

HunterLab 39.3621, -3.9437, -20.5593 Background



This preview shows how black text looks on a background with the HunterLab color 39.3621, -3.9437, -20.5593.

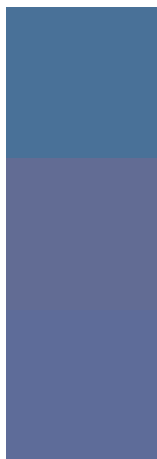


This preview shows how white text looks on a background with the HunterLab color 39.3621, -3.9437, -20.5593.

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

39.3621, -3.9437, -20.5593

Protanopia

39.3191, 2.6698, -17.9723

Deuteranopia

39.2488, 2.8459, -21.2907



Tritanopia

39.4704, -12.8894, -6.0651

Trichromacy



Original Color

39.3621, -3.9437, -20.5593

Protanomaly

39.3009, -0.1009, -18.6803

Deuteranomaly

39.2813, 0.1627, -21.2801

Tritanomaly

39.3213, -9.7800, -11.0629

Monochromacy



Original Color

39.3621, -3.9437, -20.5593

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

38.0229, -3.6821, -5.3457

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.3621, -3.9437, -20.5593 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, 113, 152)` looks like.

```
.text, #text, p{  
    color:rgb(73, 113, 152)  
}
```

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, 113, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 113, 152) }
```

Border

The CSS property to change the border of an element to HunterLab 39.3621, -3.9437, -20.5593 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, 113, 152) }
```


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

```
.border{ border-color:rgb(73, 113, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 113, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 113, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 113, 152);  
box-shadow:4px 4px 4px 4px rgb(73, 113,  
152) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.3621, -3.9437, -20.5593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 113, 152) }
```

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

```
.background{ background-color: rgb(73, 113,  
152) }
```

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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