

Converting Colors

HunterLab(50.0306, -13.3214,
-24.4414)

Have a look what the booklet for
HunterLab(50.0306, -13.3214,
-24.4414) contains.

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Color

**HunterLab(49.9437,
-13.1592, -24.6031)**

Conversions

Conversions Part 1

Format	Color
Hex	3892BA
RGB	56, 146, 186
RGB Percent	22%, 57%, 73%
CMY	0.7804, 0.4274, 0.2706
CMYK	0.70, 0.22, 0.00, 0.27
HSL	198°, 54%, 47%
HSV	198°, 70%, 73%
XYZ	20.7727, 24.9437, 50.1742
YIQ	123.6500, -66.4800, -6.6400

Conversions

Conversions Part 2

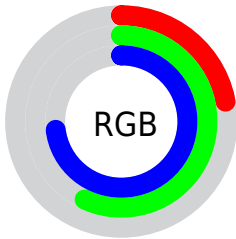
Format	Color
R _Y B	56, 109, 186
Decimal	3707578
CIE Lab	57.02, -13.57, -28.58
CIE LCh	57, 31.637, 244.608
Yxy	24.9446, 0.2166, 0.2601
Android (android.graphics.Color)	4281897658 (0xFF3892BA)
YUV	123.6500, 30.7385, -59.3291
Hunter-Lab	49.9437, -13.1592, -24.6031

Details

The HunterLab color **49.9437, -13.1592, -24.6031** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **43.6943, 26.2676, 22.3058**, and the grayscale version is **44.6624, -2.3831, 2.4266**.

A 20% lighter version of the original color is **71.8129, -15.9259, -25.3836**, and **31.4291, -7.7146, -22.6299** is the 20% darker color. If you saturate the color by 10%, you get **47.7325, -12.2567, -28.5052**, and if you desaturate by 10%, it is **52.3381, -13.4298, -20.6101**.

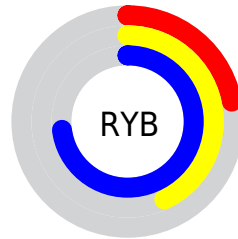
Distribution



Red (22%)

Green (57%)

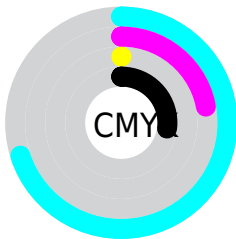
Blue (73%)



Red (22%)

Yellow (43%)

Blue (73%)

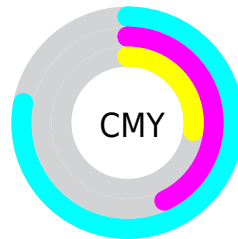


Cyan (70%)

Magenta (22%)

Yellow (0%)

Black (27%)



Cyan (78%)

Magenta (43%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9437, -13.1592, -24.6031 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 49.9437, -13.1592, -24.6031 by changing the saturation by 10% instead.

■ 49.9437, -13.1592,
-24.6031

■ 49.9437, -13.1592,
-24.6031

166.6019,
-24.9557, -27.1905

■ 40.0447, -11.8180,
-24.0563

■ 71.8104, -15.7885,
-25.5542

■ 30.9022, -10.4438,
-23.4890

■ 83.6959, -17.0912,
-25.9483

■ 22.5860, -9.0162,
-22.9539

■ 96.1732, -18.3921,
-26.2865

■ 15.1882, -7.4994,
-22.5931

■ 109.2155,
-19.6943, -26.5698

■ 8.8165, -7.1759,
-22.9557

■ 122.7992,
-21.0002, -26.8000

0.0000, NaN, -NF

0.0000, NaN, -NF

136.9035,

-22.3115, -26.9788

0.0000, NaN, NaN

151.5100,
-23.6296, -27.1083

0.0000, NaN, NaN

■ 49.9437, -13.1592,
-24.6031

■ 49.9437, -13.1592,
-24.6031

■ 47.7325, -12.2567,
-28.5052

■ 52.3381, -13.4298,
-20.6101

■ 45.7011, -10.7270,
-32.2950

■ 54.9084, -13.0904,
-16.5569

■ 43.8211, -8.6867,
-36.0033

■ 57.6480, -12.1772,
-12.4689

■ 43.8004, -8.6631,
-36.0454

■ 60.5478, -10.7348,
-8.3685

■ 63.5982, -8.8109,
-4.2735

■ 66.7891, -6.4530,
-0.1968

■ 70.1112, -3.7062,
3.8523

■ 73.5552, -0.6123,
7.8681

■ 77.1126, 2.7911,
11.8472

Harmonies

Analogous

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



49.9446, -22.0064, -13.1507



49.9437, -13.1592, -24.6031



49.9446, -0.5982, -28.0849

Triad

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



49.9446, -13.1590, -24.6022



49.9446, 25.4387, 4.6322



49.9446, -16.3672, 18.8720

Complementary

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



49.9437, -13.1592, -24.6031



43.6943, 26.2676, 22.3058

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.



49.9446, -4.7038, 21.3849



49.9437, -13.1592, -24.6031



49.9446, 20.1509, 14.6473

Square

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



49.9446, -13.1590, -24.6022



49.9446, 22.5754, -8.8679



49.9446, 8.7684, 20.0695



49.9446, -23.7184, 12.0588

Rectangle

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



49.9437, -13.1592, -24.6031



49.9446, 8.4239, -24.8141



49.9446, 8.7684, 20.0695



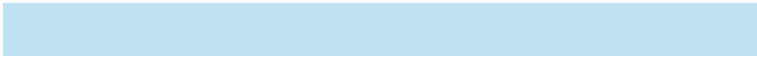
49.9446, -12.8684, 20.1534

Sweetspot

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



49.9446, -13.1590, -24.6022



85.0111, -12.2781, -6.5568



60.6511, -43.5808, 26.0250



39.3533, -6.1163, -3.7941



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



49.9446, -13.1590, -24.6022



62.7281, -15.4703, -41.2044



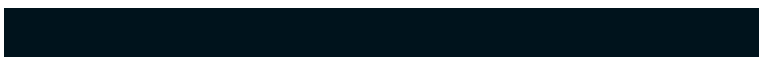
32.2829, 18.2173, -65.1067



31.1955, -2.9389, 0.0142



36.1169, -7.3947, -29.1799



7.5109, -2.4442, -4.1117

Inverse Universe

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



39.1711, 53.8177, -16.0835



48.6182, 82.4200, -21.0200



59.8893, -4.8547, 33.1135



30.1901, 1.9180, 0.0861



28.4590, 52.5179, -10.9198



5.4410, 10.2085, -3.3883

Previews

White Background



This preview shows how the HunterLab color 49.9437, -13.1592, -24.6031 looks on a white background.

Color Contrast Check

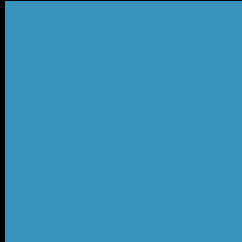
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 49.9437, -13.1592, -24.6031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

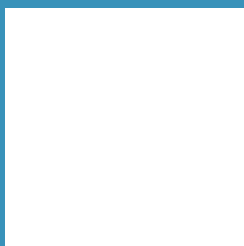
Any Text WCAG AAA × Fail

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

HunterLab 49.9437, -13.1592, -24.6031 Background



This preview shows how black text looks on a background with the HunterLab color 49.9437, -13.1592, -24.6031.



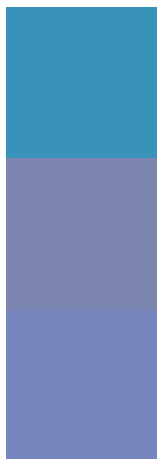
This preview shows how white text looks on a background with the HunterLab color 49.9437, -13.1592, -24.6031.

-13.1592, -24.6031.

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

49.9437, -13.1592, -24.6031

Protanopia

49.5828, 2.9373, -19.1343

Deuteranopia

49.6450, 4.1534, -26.8338



Tritanopia

49.8723, -21.7674, -10.2873

Trichromacy



Original Color

49.9437, -13.1592, -24.6031

Protanomaly

49.1748, -4.0844, -21.8324

Deuteranomaly

49.2895, -3.0014, -26.9105

Tritanomaly

50.0160, -18.9173, -15.1835

Monochromacy



Original Color

49.9437, -13.1592, -24.6031

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

46.1105, -8.4451, -7.2284

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9437, -13.1592, -24.6031 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(56, 146, 186)` looks like.

```
.text, #text, p{  
    color:rgb(56, 146, 186)  
}
```

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(56, 146, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 146, 186) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9437, -13.1592, -24.6031 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(56, 146, 186) }
```


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

```
.border{ border-color:rgb(56, 146, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 146, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(56, 146, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(56, 146, 186); box-shadow:4px 4px 4px 4px rgb(56, 146, 186) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9437, -13.1592, -24.6031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 146, 186) }
```

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

```
.background{ background-color: rgb(56, 146,  
186) }
```

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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