

Converting Colors

HunterLab(35.5436, -1.9149,
-24.1774)

Have a look what the booklet for
HunterLab(35.5436, -1.9149,
-24.1774) contains.

| | |
|--|----|
| HunterLab(35.5436, -1.9149, -24.1774) | 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(35.5436, -1.9149,
-24.1774)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 3E6693 |
| RGB | 62, 102, 147 |
| RGB Percent | 24%, 40%, 58% |
| CMY | 0.7568, 0.6000, 0.4235 |
| CMYK | 0.58, 0.31, 0.00, 0.42 |
| HSL | 212°, 41%, 41% |
| HSV | 212°, 58%, 58% |
| XYZ | 12.0045, 12.6335, 29.4096 |
| YIQ | 95.1700, -38.2850, 5.5150 |

Conversions

Conversions Part 2

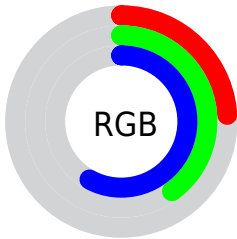
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 62, 89, 147 |
| Decimal | 4089491 |
| CIE Lab | 42.21, -0.02, -28.93 |
| CIE LCh | 42, 28.927, 269.955 |
| Yxy | 12.6339, 0.2221, 0.2338 |
| Android (android.graphics.Color) | 4282279571 (0xFF3E6693) |
| YUV | 95.1700, 25.5522, -29.0901 |
| Hunter-Lab | 35.5436, -1.9149, -24.1774 |

Details

The HunterLab color $35.5436, -1.9149, -24.1774$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $41.3123, 6.1700, 19.0229$, and the grayscale version is $33.8105, -1.8040, 1.8370$.

A 20% lighter version of the original color is $55.4189, -3.1372, -25.0243$, and $19.1647, -0.7019, -22.4390$ is the 20% darker color. If you saturate the color by 10%, you get $32.8064, -0.4162, -29.6801$, and if you desaturate by 10%, it is $38.4414, -2.9335, -18.9389$.

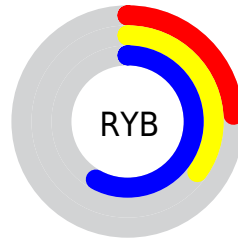
Distribution



Red (24%)

Green (40%)

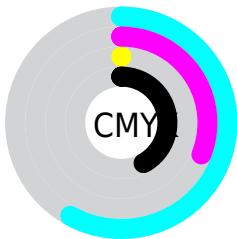
Blue (58%)



Red (24%)

Yellow (35%)

Blue (58%)

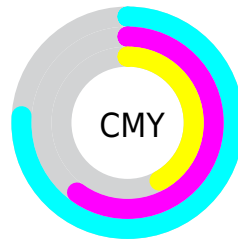


Cyan (58%)

Magenta (31%)

Yellow (0%)

Black (42%)



Cyan (76%)

Magenta (60%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.5436, -1.9149, -24.1774 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 35.5436, -1.9149, -24.1774 by changing the saturation by 10% instead.

■ 35.5436, -1.9149,
-24.1774

■ 35.5436, -1.9149,
-24.1774

■ 144.4154, -7.7394,
-27.5209

■ 26.7898, -1.4457,
-23.6133

■ 55.3575, -2.9756,
-25.2739

■ 18.9024, -1.0228,
-23.1399

■ 66.3076, -3.5616,
-25.7577

■ 11.9904, -0.6518,
-23.0053

■ 77.8973, -4.1818,
-26.1876

■ 4.9423, -0.2839,
-32.3708

■ 90.0933, -4.8342,
-26.5618

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 102.8666, -5.5175,
-26.8808

0.0000, NaN, NaN

116.1924, -6.2302,

0.0000, NaN, NaN

-27.1457

0.0000, NaN, NaN

130.0485, -6.9712,
-27.3585

■ 35.5436, -1.9149,
-24.1774

■ 35.5436, -1.9149,
-24.1774

■ 32.8064, -0.4162,
-29.6801

■ 38.4414, -2.9335,
-18.9389

■ 30.2472, 1.6189,
-35.4425

■ 41.4806, -3.5313,
-13.9573

■ 27.8862, 4.2330,
-41.4325

■ 44.6464, -3.7640,
-9.2129

■ 25.7243, 7.3833,
-47.6421

■ 47.9256, -3.6812,
-4.6826

■ 25.2674, 8.0972,
-49.0616

■ 51.3069, -3.3259,
-0.3422

■ 54.7807, -2.7349,
3.8314

■ 58.3386, -1.9391,
7.8598

■ 61.9737, -0.9644,
11.7623

■ 65.6798, 0.1671,
15.5560

Harmonies

Analogous

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



35.5442, -11.7507, -19.8836



35.5436, -1.9149, -24.1774



35.5442, 9.1279, -19.9079

Triad

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



35.5442, -1.9148, -24.1766



35.5442, 18.0394, 10.4849



35.5442, -18.2124, 10.5046

Complementary

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



35.5436, -1.9149, -24.1774



41.3123, 6.1700, 19.0229

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.



35.5442, -11.7256, 15.1905



35.5436, -1.9149, -24.1774



35.5442, 9.1595, 15.1817

Square

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



35.5442, -1.9148, -24.1766



35.5442, 21.4577, 1.9192



35.5442, -1.8821, 16.6072



35.5442, -20.4447, 1.9503

Rectangle

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



35.5436, -1.9149, -24.1774



35.5442, 15.5207, -13.3455



35.5442, -1.8821, 16.6072



35.5442, -16.4987, 12.4799

Sweetspot

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



35.5442, -1.9148, -24.1766



64.3453, -4.9116, -5.9875



47.8862, -27.8198, 12.1646



30.3626, -2.3712, -3.3684



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.



35.5442, -1.9148, -24.1766



42.9883, 0.0789, -41.6903



25.7352, 17.8473, -47.4252



24.6090, -1.6412, -0.4521



23.6300, 7.3289, -45.3563



3.5574, -0.8072, -2.7038

Inverse Universe

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



32.5702, 31.5335, -2.2619



39.5681, 50.7652, -2.0212



52.2383, -12.5394, 26.7962



24.2035, 1.2121, 0.7271



23.9938, 42.6710, 3.2497



2.7630, 5.1123, -1.1657

Previews

White Background



This preview shows how the HunterLab color 35.5436, -1.9149, -24.1774 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 35.5436, -1.9149, -24.1774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

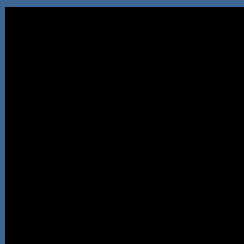
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

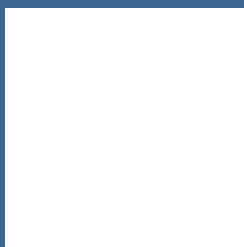
Any Text WCAG AAA × Fail

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

HunterLab 35.5436, -1.9149, -24.1774 Background



This preview shows how black text looks on a background with the HunterLab color 35.5436, -1.9149, -24.1774.



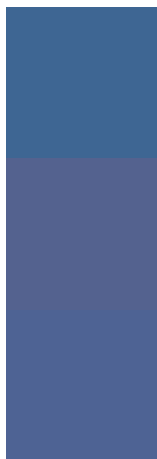
This preview shows how white text looks on a background with the HunterLab color 35.5436, -1.9149, -24.1774.

-24.1774.

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

35.5436, -1.9149, -24.1774

Protanopia

35.5012, 3.1452, -21.4691

Deuteranopia

35.6111, 2.5873, -24.6576



Tritanopia

35.6196, -12.7786, -6.2885

Trichromacy



Original Color

35.5436, -1.9149, -24.1774

Protanomaly

35.3183, 1.2492, -22.5095

Deuteranomaly

35.5390, 0.9665, -24.8251

Tritanomaly

35.5680, -9.1898, -12.2865

Monochromacy



Original Color

35.5436, -1.9149, -24.1774

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

34.3355, -3.0458, -6.3856

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.5436, -1.9149, -24.1774 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, 102, 147)` looks like.

```
.text, #text, p{  
    color:rgb(62, 102, 147)  
}
```

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, 102, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 102, 147) }
```

Border

The CSS property to change the border of an element to HunterLab 35.5436, -1.9149, -24.1774 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, 102, 147) }
```


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

```
.border{ border-color:rgb(62, 102, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 102, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 102, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 102, 147);  
box-shadow:4px 4px 4px 4px rgb(62, 102,  
147) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.5436, -1.9149, -24.1774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 102, 147) }
```

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

```
.background{ background-color: rgb(62, 102,  
147) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor