

Converting Colors

HunterLab(24.0840, 17.9621,
-54.8435)

Have a look what the booklet for
HunterLab(24.0840, 17.9621,
-54.8435) contains.

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Color

**HunterLab(24.0840, 17.9621,
-54.8435)**

Conversions

Conversions Part 1

Format	Color
Hex	2F3A95
RGB	47, 58, 149
RGB Percent	18%, 23%, 58%
CMY	0.8157, 0.7725, 0.4157
CMYK	0.68, 0.61, 0.00, 0.42
HSL	234°, 52%, 38%
HSV	234°, 68%, 58%
XYZ	8.1102, 5.8004, 29.1260
YIQ	65.0850, -35.7670, 25.9690

Conversions

Conversions Part 2

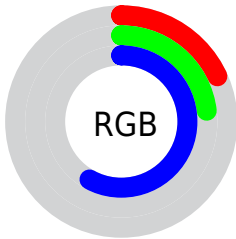
Format	Color
R _Y B	47, 57, 149
Decimal	3095189
CIE Lab	28.90, 26.58, -51.45
CIE LCh	29, 57.905, 297.321
Yxy	5.8005, 0.1885, 0.1348
Android (android.graphics.Color)	4281285269 (0xFF2F3A95)
YUV	65.0850, 41.3701, -15.8605
Hunter-Lab	24.0840, 17.9621, -54.8435

Details

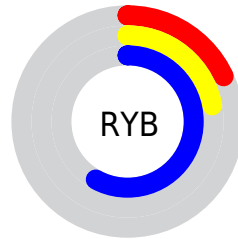
The HunterLab color **24.0840, 17.9621, -54.8435** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **49.7732, -8.2155, 27.3219**, and the grayscale version is **22.8909, -1.2214, 1.2437**.

A 20% lighter version of the original color is **41.8652, 20.0872, -54.7548**, and **11.2426, 17.7654, -52.4028** is the 20% darker color. If you saturate the color by 10%, you get **20.8162, 23.1771, -67.7549**, and if you desaturate by 10%, it is **27.8119, 13.4410, -43.2433**.

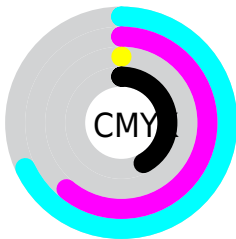
Distribution



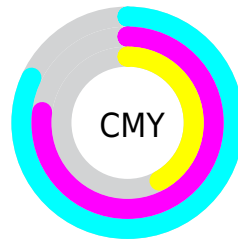
- Red (18%)
- Green (23%)
- Blue (58%)



- Red (18%)
- Yellow (22%)
- Blue (58%)



- Cyan (68%)
- Magenta (61%)
- Yellow (0%)
- Black (42%)



- Cyan (82%)
- Magenta (77%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.0840, 17.9621, -54.8435 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 24.0840, 17.9621, -54.8435 by changing the saturation by 10% instead.

■ 24.0840, 17.9621,
-54.8435

■ 24.0840, 17.9621,
-54.8435

■ 125.4146, 23.8305,
-59.6559

■ 16.5051, 16.7345,
-56.4468

■ 41.8520, 19.9846,
-54.7427

■ 9.9473, 15.3637,
-61.2437

■ 51.8880, 20.8070,
-55.2720

0.0000, INF, -NF

0.0000, NaN, -NF

■ 62.6184, 21.5225,
-55.9451

0.0000, NaN, -NF

■ 74.0009, 22.1424,
-56.6846

0.0000, NaN, NaN

■ 86.0000, 22.6760,
-57.4466

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.5855, 23.1311,

-58.2054

0.0000, NaN, NaN

111.7314, 23.5141,
-58.9451

■ 24.0840, 17.9621,
-54.8435

■ 24.0840, 17.9621,
-54.8435

■ 20.8162, 23.1771,
-67.7549

■ 27.8119, 13.4410,
-43.2433

■ 18.1457, 28.8466,
-81.2202

■ 31.8936, 9.5896,
-33.0381

■ 16.1903, 34.2006,
-93.5518

■ 36.2539, 6.3028,
-24.0514

■ 15.9447, 34.9123,
-95.2951

■ 40.8396, 3.4661,
-16.0540

■ 45.6125, 0.9817,
-8.8369

■ 50.5446, -1.2278,
-2.2299

■ 55.6152, -3.2216,
3.9006

■ 60.8082, -5.0452,
9.6573

■ 66.1110, -6.7330,
15.1191

Harmonies

Analogous

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



24.0843, -2.9767, -66.0578



24.0840, 17.9621, -54.8435



24.0843, 38.0080, -26.1564

Triad

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



24.0843, 17.9630, -54.8428



24.0843, 21.8859, 16.6706



24.0843, -28.0628, 2.8853

Complementary

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



24.0840, 17.9621, -54.8435



49.7732, -8.2155, 27.3219

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.



24.0843, -25.0342, 13.5646



24.0840, 17.9621, -54.8435



24.0843, 0.4519, 16.8590

Square

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



24.0843, 17.9630, -54.8428



24.0843, 40.7244, 12.4554



24.0843, -15.9132, 16.8590



24.0843, -25.9760, -20.8268

Rectangle

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



24.0840, 17.9621, -54.8435



24.0843, 45.9525, -7.6722



24.0843, -15.9132, 16.8590



24.0843, -27.6387, 7.7800

Sweetspot

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



24.0843, 17.9630, -54.8428



59.1168, 2.2598, -14.6034



48.8964, -25.5433, 0.9388



27.0852, 1.4459, -7.9876



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.



24.0843, 17.9630, -54.8428



25.8815, 34.9375, -100.0918



24.8734, 30.3088, -51.9199



23.9325, -0.5110, -1.2898



14.7089, 31.7133, -86.8447



2.1499, 1.8683, -6.7203

Inverse Universe

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



29.5442, 33.9399, 10.7659



35.8973, 53.6090, 17.6898



50.0091, -24.4132, 27.1988



24.1349, 0.8429, 1.7051



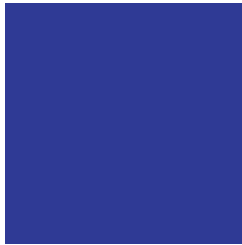
23.2632, 39.9853, 13.8978



2.6121, 4.5655, 0.9729

Previews

White Background



This preview shows how the HunterLab color 24.0840, 17.9621, -54.8435 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 24.0840, 17.9621, -54.8435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

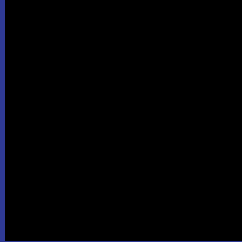
Any Text WCAG AA × Fail

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 24.0840, 17.9621, -54.8435 Background



This preview shows how black text looks on a background with the HunterLab color 24.0840, 17.9621, -54.8435.



This preview shows how white text looks on a background with the HunterLab color 24.0840, 17.9621, -54.8435.

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

24.0840, 17.9621, -54.8435

Protanopia

24.0011, 7.1461, -45.4255

Deuteranopia

23.9507, -0.3248, -29.2352



Tritanopia

24.0062, -11.7506, -4.6394

Trichromacy



Original Color

24.0840, 17.9621, -54.8435

Protanomaly

23.7852, 10.6579, -49.9346

Deuteranomaly

23.7788, 5.5001, -38.7915

Tritanomaly

23.2723, -2.6770, -20.4456

Monochromacy



Original Color

24.0840, 17.9621, -54.8435

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

22.7801, 3.8497, -14.6981

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.0840, 17.9621, -54.8435 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(47, 58, 149)` looks like.

```
.text, #text, p{  
    color:rgb(47, 58, 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(47, 58, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 58, 149) }
```

Border

The CSS property to change the border of an element to HunterLab 24.0840, 17.9621, -54.8435 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(47, 58, 149) }
```


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

```
.border{ border-color:rgb(47, 58, 149) }
```

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

Here you see how a box with a 4 pixel rgb(47, 58, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 58, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 58, 149);  
box-shadow:4px 4px 4px 4px rgb(47, 58,  
149) }
```

Background

The CSS property to change the background color of an element to HunterLab 24.0840, 17.9621, -54.8435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 58, 149) }
```

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

```
.background{ background-color: rgb(47, 58,  
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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