

Converting Colors

HunterLab(24.2297, 13.1099,
-58.5855)

Have a look what the booklet for
HunterLab(24.2297, 13.1099,
-58.5855) contains.

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Color

**HunterLab(24.1969, 13.1838,
-58.7041)**

Conversions

Conversions Part 1

Format	Color
Hex	003F99
RGB	0, 63, 153
RGB Percent	0%, 25%, 60%
CMY	0.9999, 0.7529, 0.4000
CMYK	1.00, 0.59, 0.00, 0.40
HSL	215°, 100%, 30%
HSV	215°, 100%, 60%
XYZ	7.5273, 5.8549, 30.8703
YIQ	54.4230, -66.4380, 14.6340

Conversions

Conversions Part 2

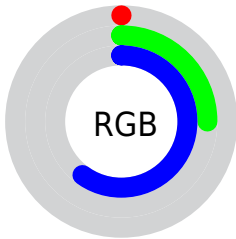
Format	Color
R _Y B	0, 45, 153
Decimal	16281
CIE Lab	29.04, 20.57, -53.73
CIE LCh	29, 57.529, 290.948
Yxy	5.8550, 0.1701, 0.1323
Android (android.graphics.Color)	4278206361 (0xFF003F99)
YUV	54.4230, 48.5985, -47.7290
Hunter-Lab	24.1969, 13.1838, -58.7041

Details

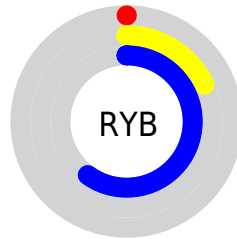
The HunterLab color **24.1969, 13.1838, -58.7041** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **37.5352, 14.1842, 23.3762**, and the grayscale version is **19.2090, -1.0249, 1.0437**.

A 20% lighter version of the original color is **41.9967, 14.5192, -58.1148**, and **12.4594, 16.2379, -50.6262** is the 20% darker color. If you saturate the color by 10%, you get **24.1936, 13.1914, -58.7164**, and if you desaturate by 10%, it is **26.5313, 9.2070, -50.8384**.

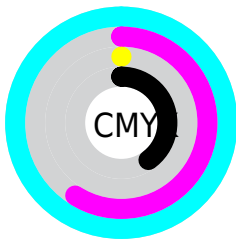
Distribution



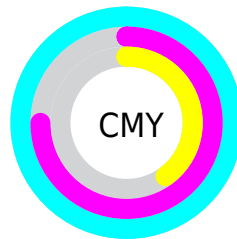
- Red (0%)
- Green (25%)
- Blue (60%)



- Red (0%)
- Yellow (18%)
- Blue (60%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (75%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.1969, 13.1838, -58.7041 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 24.1969, 13.1838, -58.7041 by changing the saturation by 10% instead.

■ 24.1969, 13.1838,
-58.7041

■ 24.1969, 13.1838,
-58.7041

■ 125.6101, 16.6886,
-63.2473

■ 16.6046, 12.2587,
-60.6569

■ 41.9876, 14.6133,
-58.3178

■ 10.0314, 11.1636,
-66.1829

■ 52.0337, 15.1540,
-58.7952

0.0000, INF, -NF

■ 62.7735, 15.5985,
-59.4465

0.0000, NaN, -NF

■ 74.1649, 15.9575,
-60.1839

0.0000, NaN, -NF

■ 86.1724, 16.2396,
-60.9574

0.0000, NaN, -NF

■ 98.7660, 16.4518,

0.0000, NaN, NaN

0.0000, NaN, NaN

-61.7369

0.0000, NaN, NaN

111.9195, 16.5998,
-62.5040

■ 24.1969, 13.1838,
-58.7041

■ 24.1969, 13.1838,
-58.7041

■ 24.1936, 13.1914,
-58.7164

■ 26.5313, 9.2070,
-50.8384

■ 29.1044, 5.7753,
-43.3587

■ 31.9249, 3.0049,
-36.2451

■ 34.9626, 0.8489,
-29.5481

■ 38.1897, -0.7628,
-23.2692

■ 41.5821, -1.9040,
-17.3817

■ 45.1195, -2.6436,
-11.8460

■ 48.7849, -3.0420,
-6.6189

■ 52.5644, -3.1503,
-1.6584

Harmonies

Analogous

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



24.1972, -6.7706, -64.1589



24.1969, 13.1838, -58.7041



24.1972, 34.0677, -32.3494

Triad

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



24.1972, 13.1850, -58.7035



24.1972, 26.2583, 16.0130



24.1972, -27.8137, 6.1672

Complementary

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



24.1969, 13.1838, -58.7041



37.5352, 14.1842, 23.3762

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.



24.1972, -23.6107, 14.5688



24.1969, 13.1838, -58.7041



24.1972, 4.7212, 16.9380

Square

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



24.1972, 13.1850, -58.7035



24.1972, 43.0892, 10.7313



24.1972, -13.0057, 16.9380



24.1972, -26.8121, -14.6707

Rectangle

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



24.1969, 13.1838, -58.7041



24.1972, 43.7638, -12.9759



24.1972, -13.0057, 16.9380



24.1972, -27.0270, 10.1297

Sweetspot

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



24.1972, 13.1850, -58.7035



60.0874, -3.4914, -16.2912



48.4854, -36.2324, 17.6147



27.3708, -1.4837, -8.9757



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.



24.1972, 13.1850, -58.7035



31.8363, 18.8878, -80.5660



15.4411, 41.3290, -105.4806



25.3439, -1.5094, -0.6194



22.1370, 11.6721, -52.8659



3.7731, -0.5466, -3.5361

Inverse Universe

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



26.7053, 47.0724, 6.8393



35.6873, 62.8175, 9.8673



53.2729, -18.6778, 32.4987



25.0255, 1.2055, 0.9168



24.2899, 42.8439, 6.0319



3.0851, 5.6562, -0.8965

Previews

White Background



This preview shows how the HunterLab color 24.1969, 13.1838, -58.7041 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 24.1969, 13.1838, -58.7041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

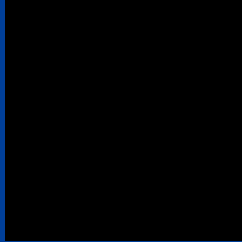
Any Text WCAG AA × Fail

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 24.1969, 13.1838, -58.7041 Background



This preview shows how black text looks on a background with the HunterLab color 24.1969, 13.1838, -58.7041.



This preview shows how white text looks on a background with the HunterLab color 24.1969, 13.1838, -58.7041.

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

24.1969, 13.1838, -58.7041

Protanopia

24.1237, 7.7732, -46.9326

Deuteranopia

24.2630, -0.4936, -29.2612



Tritanopia

24.2937, -12.1017, -4.2409

Trichromacy



Original Color

24.1969, 13.1838, -58.7041

Protanomaly

24.1349, 9.5438, -50.7689

Deuteranomaly

24.1406, 4.3428, -39.5486

Tritanomaly

23.8669, -4.5874, -19.9287

Monochromacy



Original Color

24.1969, 13.1838, -58.7041

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

20.0113, 0.3771, -16.3215

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.1969, 13.1838, -58.7041 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(0, 63, 153)` looks like.

```
.text, #text, p{  
    color:rgb(0, 63, 153)  
}
```

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(0, 63, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 63, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 24.1969, 13.1838, -58.7041 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(0, 63, 153) }
```


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

```
.border{ border-color:rgb(0, 63, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 63, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 63, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 63, 153);  
box-shadow:4px 4px 4px 4px rgb(0, 63, 153)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.1969, 13.1838, -58.7041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 63, 153) }
```

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

```
.background{ background-color: rgb(0, 63,  
153) }
```

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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