

Converting Colors

HunterLab(24.1087, 10.9410,
-53.7522)

Have a look what the booklet for
HunterLab(24.1087, 10.9410,
-53.7522) contains.

HunterLab(24.0934, 11.0212, -53.9062)	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(24.0934, 11.0212,
-53.9062)**

Conversions

Conversions Part 1

Format	Color
Hex	004094
RGB	0, 64, 148
RGB Percent	0%, 25%, 58%
CMY	0.9999, 0.7490, 0.4196
CMYK	1.00, 0.57, 0.00, 0.42
HSL	214°, 100%, 29%
HSV	214°, 100%, 58%
XYZ	7.1787, 5.8049, 28.7591
YIQ	54.4400, -65.1080, 12.5560

Conversions

Conversions Part 2

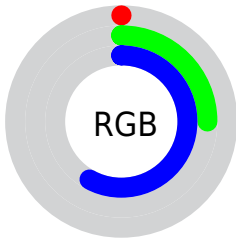
Format	Color
R_{YB}	0, 45, 148
Decimal	16532
CIE _{Lab}	28.92, 17.75, -50.88
CIE _{LCh}	29, 53.891, 289.236
Yxy	5.8051, 0.1720, 0.1391
Android (android.graphics.Color)	4278206612 (0xFF004094)
YUV	54.4400, 46.1251, -47.7439
Hunter-Lab	24.0934, 11.0212, -53.9062

Details

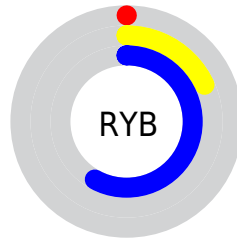
The HunterLab color **24.0934, 11.0212, -53.9062** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **35.5532, 15.0250, 22.1697**, and the grayscale version is **19.2225, -1.0257, 1.0444**.

A 20% lighter version of the original color is **41.8565, 12.1756, -54.0275**, and **12.0720, 14.6233, -46.6563** is the 20% darker color. If you saturate the color by 10%, you get **24.0903, 11.0280, -53.9172**, and if you desaturate by 10%, it is **26.3154, 7.4183, -46.7790**.

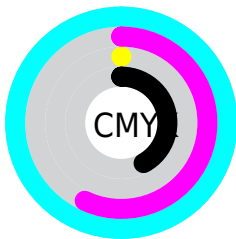
Distribution



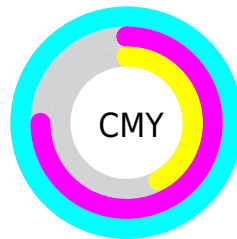
- Red (0%)
- Green (25%)
- Blue (58%)



- Red (0%)
- Yellow (18%)
- Blue (58%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (75%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.0934, 11.0212, -53.9062 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 24.0934, 11.0212, -53.9062 by changing the saturation by 10% instead.

■ 24.0934, 11.0212, -53.9062	■ 24.0934, 11.0212, -53.9062
■ 125.4309, 13.3931, -58.7811	■ 16.5133, 10.2494, -55.4194
■ 41.8632, 12.1604, -53.8767	■ 9.9543, 9.3056, -60.0207
■ 51.9001, 12.5656, -54.4182	0.0000, INF, -NF
■ 62.6313, 12.8804, -55.0959	0.0000, NaN, -NF
■ 74.0145, 13.1151, -55.8351	0.0000, NaN, -NF
■ 86.0143, 13.2778, -56.5937	0.0000, NaN, NaN
■ 98.6005, 13.3749,	0.0000, NaN, NaN

-57.3466

0.0000, NaN, NaN

111.7470, 13.4118,
-58.0788

■ 24.0934, 11.0212,
-53.9062

■ 24.0934, 11.0212,
-53.9062

■ 24.0903, 11.0280,
-53.9172

■ 26.3154, 7.4183,
-46.7790

■ 28.7473, 4.3189,
-39.9946

■ 31.4035, 1.8375,
-33.5138

■ 34.2585, -0.0691,
-27.3796

■ 37.2885, -1.4640,
-21.5968

■ 40.4724, -2.4138,
-16.1471

■ 43.7920, -2.9812,
-11.0002

■ 47.2321, -3.2215,
-6.1219

■ 50.7798, -3.1822,
-1.4780

Harmonies

Analogous

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



24.0937, -7.3367, -57.3696



24.0934, 11.0212, -53.9062



24.0937, 30.4019, -30.9852

Triad

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



24.0937, 11.0223, -53.9056



24.0937, 25.2988, 15.3109



24.0937, -26.4874, 6.6222

Complementary

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



24.0934, 11.0212, -53.9062



35.5532, 15.0250, 22.1697

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.



24.0937, -22.0736, 14.3393



24.0934, 11.0212, -53.9062



24.0937, 5.4259, 16.8656

Square

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



24.0937, 11.0223, -53.9056



24.0937, 40.1563, 9.7444



24.0937, -11.5333, 16.8656



24.0937, -25.7884, -12.0270

Rectangle

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



24.0934, 11.0212, -53.9062



24.0937, 39.6606, -13.2747



24.0937, -11.5333, 16.8656



24.0937, -25.6185, 10.2171

Sweetspot

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



24.0937, 11.0223, -53.9056



57.8941, -3.9269, -15.0212



46.7100, -35.1756, 17.5523



26.8464, -1.7596, -8.4106



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.



24.0937, 11.0223, -53.9056



31.4819, 15.7851, -73.4251



14.8406, 39.8132, -102.0901



24.5372, -1.5226, -0.5400



22.3816, 9.9384, -49.4292



3.4363, -0.6244, -2.9472

Inverse Universe

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



25.8198, 45.6458, 5.5710



34.2469, 60.4582, 8.1033



51.5702, -17.2360, 31.4748



24.1961, 1.1725, 0.8320



23.8727, 42.2287, 4.9921



2.7474, 5.0568, -0.9513

Previews

White Background



This preview shows how the HunterLab color 24.0934, 11.0212, -53.9062 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 24.0934, 11.0212, -53.9062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

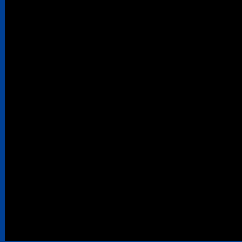
Any Text WCAG AA × Fail

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 24.0934, 11.0212, -53.9062 Background



This preview shows how black text looks on a background with the HunterLab color 24.0934, 11.0212, -53.9062.



This preview shows how white text looks on a background with the HunterLab color 24.0934, 11.0212, -53.9062.

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

24.0934, 11.0212, -53.9062

Protanopia

24.0622, 7.4590, -46.1774

Deuteranopia

24.0017, -0.0483, -29.8958



Tritanopia

24.0062, -11.7506, -4.6394

Trichromacy



Original Color

24.0934, 11.0212, -53.9062

Protanomaly

24.0078, 8.9033, -49.2274

Deuteranomaly

24.0269, 3.7451, -38.1163

Tritanomaly

23.7795, -5.0789, -18.7584

Monochromacy



Original Color

24.0934, 11.0212, -53.9062

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

20.1762, -0.5022, -14.7072

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.0934, 11.0212, -53.9062 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, 64, 148)` looks like.

```
.text, #text, p{  
    color:rgb(0, 64, 148)  
}
```

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, 64, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 64, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 24.0934, 11.0212, -53.9062 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, 64, 148) }
```


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

```
.border{ border-color:rgb(0, 64, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 64, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 64, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 64, 148);  
box-shadow:4px 4px 4px 4px rgb(0, 64, 148)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.0934, 11.0212, -53.9062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 64, 148) }
```

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

```
.background{ background-color: rgb(0, 64,  
148) }
```

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