

Converting Colors

HunterLab(23.9693, 54.9749,
-92.4697)

Have a look what the booklet for
HunterLab(23.9693, 54.9749,
-92.4697) contains.

HunterLab(24.0189, 55.0226, -92.1481)	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(24.0189, 55.0226,
-92.1481)**

Conversions

Conversions Part 1

Format	Color
Hex	5F00B5
RGB	95, 0, 181
RGB Percent	37%, 0%, 71%
CMY	0.6274, 1.0000, 0.2902
CMYK	0.48, 1.00, 0.00, 0.29
HSL	271°, 100%, 35%
HSV	271°, 100%, 71%
XYZ	13.0598, 5.7691, 44.1412
YIQ	49.0390, -1.4810, 76.4310

Conversions

Conversions Part 2

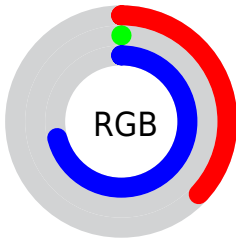
Format	Color
R_{YB}	95, 0, 181
Decimal	6226101
CIE _{Lab}	28.82, 64.81, -70.74
CIE _{LCh}	29, 95.941, 312.495
Yxy	5.7693, 0.2074, 0.0916
Android (android.graphics.Color)	4284416181 (0xFF5F00B5)
YUV	49.0390, 65.0568, 40.3078
Hunter-Lab	24.0189, 55.0226, -92.1481

Details

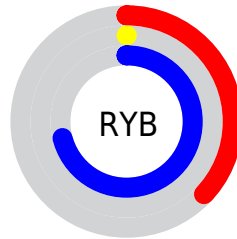
The HunterLab color **24.0189, 55.0226, -92.1481** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **59.1828, -42.1586, 35.7301**, and the grayscale version is **17.3290, -0.9246, 0.9415**.

A 20% lighter version of the original color is **41.7413, 59.3019, -88.1368**, and **13.2360, 34.2435, -81.1859** is the 20% darker color. If you saturate the color by 10%, you get **24.0194, 55.0231, -92.1461**, and if you desaturate by 10%, it is **25.8678, 52.8658, -83.3338**.

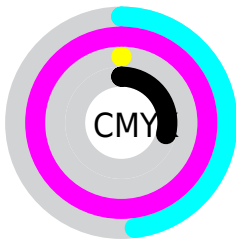
Distribution



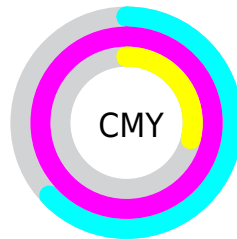
- Red (37%)
- Green (0%)
- Blue (71%)



- Red (37%)
- Yellow (0%)
- Blue (71%)



- Cyan (48%)
- Magenta (100%)
- Yellow (0%)
- Black (29%)



- Cyan (63%)
- Magenta (100%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.0189, 55.0226, -92.1481 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 24.0189, 55.0226, -92.1481 by changing the saturation by 10% instead.

24.0189, 55.0226,
-92.1481

24.0189, 55.0226,
-92.1481

125.3020, 72.6604,
-91.7849

16.4478, 53.1234,
-98.2277

41.7739, 59.4115,
-88.1850

9.8990, 52.2095,
-112.3860

51.8041, 61.5804,
-87.8796

0.0000, INF, -NF

0.0000, NaN, -NF

62.5291, 63.6676,
-88.0771

0.0000, NaN, -NF

73.9064, 65.6599,
-88.5755

0.0000, NaN, NaN

85.9007, 67.5534,
-89.2566

0.0000, NaN, NaN

0.0000, NaN, NaN

98.4816, 69.3492,

-90.0471

111.6231, 71.0502,
-90.9002

24.0189, 55.0226,
-92.1481

24.0189, 55.0226,
-92.1481

24.0194, 55.0231,
-92.1461

25.8678, 52.8658,
-83.3338

28.4045, 48.8624,
-72.8924

31.7069, 43.2083,
-61.4526

35.6673, 36.6648,
-50.0499

40.1704, 29.7734,
-39.2493

■ 45.1161, 22.8381,
-29.2501

■ 50.4243, 16.0002,
-20.0511

■ 56.0333, 9.3099,
-11.5665

■ 61.8960, 2.7722,
-3.6870

Harmonies

Analogous

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



24.0194, 13.3134, -151.0256



24.0189, 55.0226, -92.1481



24.0194, 88.3629, -23.3575

Triad

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



24.0194, 55.0231, -92.1461



24.0194, 19.8411, 16.8136



24.0194, -36.4885, -14.8436

Complementary

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



24.0189, 55.0226, -92.1481



59.1828, -42.1586, 35.7301

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.



24.0194, -36.0947, 12.9991



24.0189, 55.0226, -92.1481



24.0194, -13.0569, 16.8136

Square

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



24.0194, 55.0231, -92.1461



24.0194, 61.8705, 16.8136



24.0194, -30.0745, 16.8136



24.0194, -31.6563, -79.5678

Rectangle

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



24.0189, 55.0226, -92.1481



24.0194, 94.4347, 3.6880



24.0194, -30.0745, 16.8136



24.0194, -36.8842, -1.3448

Sweetspot

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



24.0194, 55.0231, -92.1461



67.1153, 21.8669, -27.4269



31.9861, 9.8075, -61.1515



29.8124, 11.9214, -15.0756



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



24.0194, 55.0231, -92.1461



31.9314, 73.3951, -124.4159



36.1074, 70.7352, -45.6602



29.0556, 1.0854, -1.4755



20.0469, 45.8032, -75.9775



4.0110, 8.6731, -11.3933

Inverse Universe

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



32.3969, 57.5544, 4.8593



43.3037, 76.8327, 7.2545



57.4930, -49.2592, 34.4752



29.2750, 1.5648, 0.8434



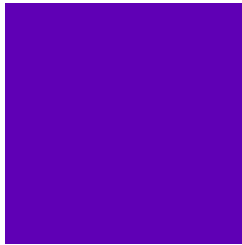
26.9245, 47.8805, 3.6657



4.8981, 8.9358, -1.0807

Previews

White Background



This preview shows how the HunterLab color 24.0189, 55.0226, -92.1481 looks on a white background.

Color Contrast Check

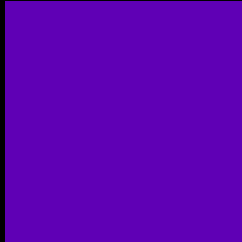
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0189, 55.0226, -92.1481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

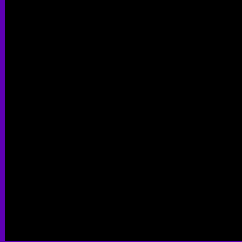
Any Text WCAG AA × Fail

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 24.0189, 55.0226, -92.1481 Background



This preview shows how black text looks on a background with the HunterLab color 24.0189, 55.0226, -92.1481.



This preview shows how white text looks on a background with the HunterLab color 24.0189, 55.0226, -92.1481.

-92.1481.

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

24.0189, 55.0226, -92.1481

Protanopia

24.7334, 7.4160, -46.9237

Deuteranopia

24.8901, -0.8318, -29.3149



Tritanopia

25.0144, -1.3764, -0.8167

Trichromacy



Original Color

24.0189, 55.0226, -92.1481

Protanomaly

21.2589, 26.9698, -75.3910

Deuteranomaly

20.7965, 21.1493, -62.0393

Tritanomaly

21.7057, 20.5471, -29.7503

Monochromacy



Original Color

24.0189, 55.0226, -92.1481

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.3242, 20.1122, -27.6773

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.0189, 55.0226, -92.1481 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(95, 0, 181)` looks like.

```
.text, #text, p{  
    color:rgb(95, 0, 181)  
}
```

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(95, 0, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 0, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 24.0189, 55.0226, -92.1481 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(95, 0, 181) }
```


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

```
.border{ border-color:rgb(95, 0, 181) }
```

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

Here you see how a box with a 4 pixel rgb(95, 0, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 0, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 0, 181);  
box-shadow:4px 4px 4px 4px rgb(95, 0, 181)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.0189, 55.0226, -92.1481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 0, 181) }
```

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

```
.background{ background-color: rgb(95, 0,  
181) }
```

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