

Converting Colors

HunterLab(28.5390, 69.2981,
-139.8835)

Have a look what the booklet for
HunterLab(28.5390, 69.2981,
-139.8835) contains.

HunterLab(28.5541, 69.3032, -139.7132)	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(28.5541, 69.3032,
-139.7132)**

Conversions

Conversions Part 1

Format	Color
Hex	5D00E8
RGB	93, 0, 232
RGB Percent	36%, 0%, 91%
CMY	0.6353, 1.0000, 0.0902
CMYK	0.60, 1.00, 0.00, 0.09
HSL	264°, 100%, 45%
HSV	264°, 100%, 91%
XYZ	19.0797, 8.1534, 76.9121
YIQ	54.2550, -19.0440, 91.8680

Conversions

Conversions Part 2

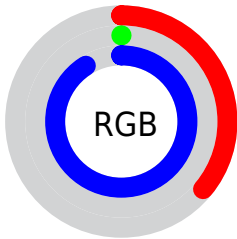
Format	Color
R _{YB}	93, 0, 232
Decimal	6095080
CIE Lab	34.30, 75.95, -91.39
CIE LCh	34, 118.832, 309.728
Yxy	8.1538, 0.1832, 0.0783
Android (android.graphics.Color)	4284285160 (0xFF5D00E8)
YUV	54.2550, 87.6283, 33.9794
Hunter-Lab	28.5541, 69.3032, -139.7132

Details

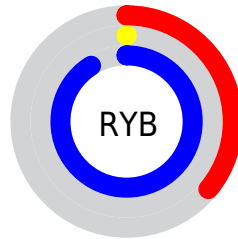
The HunterLab color $28.5541, 69.3032, -139.7132$ is a dark color, and the websafe version is hex $6600FF$. The color can be described as dark washed blue. A complement of this color would be $79.4996, -50.4283, 48.1044$, and the grayscale version is $19.0110, -1.0144, 1.0329$.

A 20% lighter version of the original color is $44.2979, 62.9648, -98.2280$, and $17.5930, 47.7211, -125.0059$ is the 20% darker color. If you saturate the color by 10%, you get $28.5548, 69.3040, -139.7095$, and if you desaturate by 10%, it is $30.9306, 66.6474, -126.1162$.

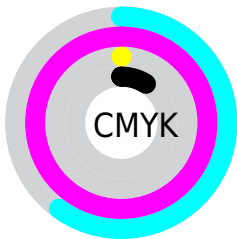
Distribution



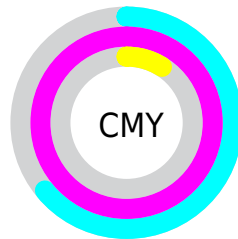
- Red (36%)
- Green (0%)
- Blue (91%)



- Red (36%)
- Yellow (0%)
- Blue (91%)



- Cyan (60%)
- Magenta (100%)
- Yellow (0%)
- Black (9%)



- Cyan (64%)
- Magenta (100%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.5541, 69.3032, -139.7132 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 28.5541, 69.3032, -139.7132 by changing the saturation by 10% instead.

■ 28.5541, 69.3032,
-139.7132

■ 28.5541, 69.3032,
-139.7132

■ 133.0162, 89.0493,
-131.4925

■ 20.4780, 67.3061,
-149.7416

■ 47.1798, 74.0148,
-131.3328

■ 13.3506, 66.2345,
-169.7721

■ 57.5964, 76.3984,
-129.7996

■ 6.9004, 73.8238,
-231.3039

■ 68.6835, 78.7229,
-129.1497

0.0000, INF, -NF

■ 80.4029, 80.9677,
-129.0696

0.0000, NaN, -NF

■ 92.7220, 83.1241,
-129.3677

0.0000, NaN, -NF

■ 105.6130, 85.1892,

0.0000, NaN, NaN

-129.9211

119.0516, 87.1636,
-130.6481

28.5541, 69.3032,
-139.7132

28.5541, 69.3032,
-139.7132

28.5548, 69.3040,
-139.7095

30.9306, 66.6474,
-126.1162

34.4421, 61.0838,
-109.1298

39.0937, 53.3834,
-90.7608

44.6904, 44.7507,
-72.9632

51.0405, 35.9281,
-56.6036

■ 57.9885, 27.2595,
-41.8482

■ 65.4173, 18.8608,
-28.5534

■ 73.2406, 10.7421,
-16.4840

■ 81.3943, 2.8718,
-5.4064

Harmonies

Analogous

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



28.5548, 13.2195, -219.3995



28.5541, 69.3032, -139.7132



28.5548, 118.1985, -39.1366

Triad

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



28.5548, 69.3040, -139.7095



28.5548, 31.6469, 19.9884



28.5548, -45.2821, -14.4426

Complementary

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



28.5541, 69.3032, -139.7132



79.4996, -50.4283, 48.1044

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.



28.5548, -44.4143, 17.3170



28.5541, 69.3032, -139.7132



28.5548, -13.7768, 19.9884

Square

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



28.5548, 69.3040, -139.7095



28.5548, 89.1899, 19.9884



28.5548, -36.6850, 19.9884



28.5548, -40.5928, -101.6722

Rectangle

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



28.5541, 69.3032, -139.7132



28.5548, 129.7638, 1.1922



28.5548, -36.6850, 19.9884



28.5548, -45.5426, 1.9117

Sweetspot

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



28.5548, 69.3040, -139.7095



72.6911, 21.1385, -32.0041



49.3452, -0.1623, -61.3268



31.9831, 11.5957, -17.6283

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



28.5548, 69.3040, -139.7095



31.7145, 77.0770, -155.9766



43.9914, 88.5802, -74.2360



37.6400, 1.1243, -2.2171



21.4367, 51.7990, -103.1081



6.2646, 14.5436, -25.5269

Inverse Universe

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



43.6116, 78.9600, -4.9480



48.5308, 87.8339, -5.2558



76.0907, -64.6245, 45.7554



38.0950, 2.3896, 0.4898



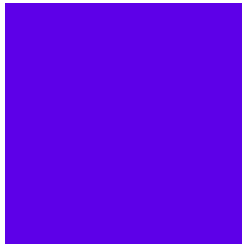
32.5339, 58.9742, -4.2400



8.9465, 16.4009, -2.5884

Previews

White Background



This preview shows how the HunterLab color 28.5541, 69.3032, -139.7132 looks on a white background.

Color Contrast Check

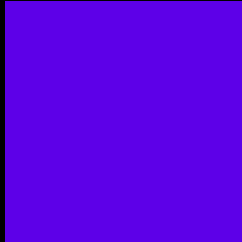
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5541, 69.3032, -139.7132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

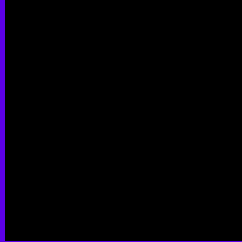
Any Text WCAG AA × Fail

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 28.5541, 69.3032, -139.7132 Background



This preview shows how black text looks on a background with the HunterLab color 28.5541, 69.3032, -139.7132.



This preview shows how white text looks on a background with the HunterLab color 28.5541, 69.3032, -139.7132.

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

28.5541, 69.3032, -139.7132

Protanopia

28.8880, 9.2526, -56.0810

Deuteranopia

29.0689, -0.9415, -34.3012



Tritanopia

29.0212, -12.0825, -5.4336

Trichromacy



Original Color

28.5541, 69.3032, -139.7132

Protanomaly

25.1774, 34.5967, -98.5993

Deuteranomaly

24.6446, 27.2498, -81.9102

Tritanomaly

23.9408, 18.2546, -52.2750

Monochromacy



Original Color

28.5541, 69.3032, -139.7132

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.2481, 24.6070, -41.4683

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.5541, 69.3032, -139.7132 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(93, 0, 232)` looks like.

```
.text, #text, p{  
    color:rgb(93, 0, 232)  
}
```

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(93, 0, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 0, 232) }
```

Border

The CSS property to change the border of an element to HunterLab 28.5541, 69.3032, -139.7132 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(93, 0, 232) }
```


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

```
.border{ border-color:rgb(93, 0, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 0, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 0, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 0, 232);  
box-shadow:4px 4px 4px 4px rgb(93, 0, 232)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.5541, 69.3032, -139.7132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 0, 232) }
```

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

```
.background{ background-color: rgb(93, 0,  
232) }
```

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