

Converting Colors

HunterLab(35.4447, 72.1254,
-135.1513)

Have a look what the booklet for
HunterLab(35.4447, 72.1254,
-135.1513) contains.

| | |
|---|----|
| HunterLab(35.5237, 72.0309, -134.7523) | 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(35.5237, 72.0309,
-134.7523)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 7A24FF |
| RGB | 122, 36, 255 |
| RGB Percent | 48%, 14%, 100% |
| CMY | 0.5215, 0.8588, 0.0000 |
| CMYK | 0.52, 0.86, 0.00, 0.00 |
| HSL | 264°, 100%, 57% |
| HSV | 264°, 86%, 100% |
| XYZ | 26.7069, 12.6193, 95.6359 |
| YIQ | 86.6800, -19.0430, 86.3410 |

Conversions

Conversions Part 2

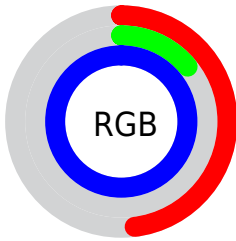
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 122, 36, 255 |
| Decimal | 8004863 |
| CIE Lab | 42.18, 76.70, -91.22 |
| CIE LCh | 42, 119.178, 310.058 |
| Yxy | 12.6196, 0.1979, 0.0935 |
| Android (android.graphics.Color) | 4286194943 (0xFF7A24FF) |
| YUV | 86.6800, 82.9818, 30.9756 |
| Hunter-Lab | 35.5237, 72.0309, -134.7523 |

Details

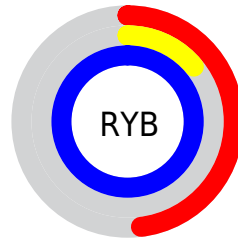
The HunterLab color **35.5237, 72.0309, -134.7523** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **89.4881, -52.0065, 53.1261**, and the grayscale version is **30.4652, -1.6255, 1.6552**.

A 20% lighter version of the original color is **51.0146, 59.3711, -77.4804**, and **21.5303, 55.5942, -131.2241** is the 20% darker color. If you saturate the color by 10%, you get **32.4717, 76.0388, -151.4037**, and if you desaturate by 10%, it is **39.9634, 64.6989, -114.6028**.

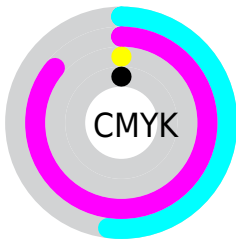
Distribution



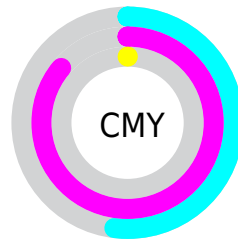
- Red (48%)
- Green (14%)
- Blue (100%)



- Red (48%)
- Yellow (14%)
- Blue (100%)



- Cyan (52%)
- Magenta (86%)
- Yellow (0%)
- Black (0%)



- Cyan (52%)
- Magenta (86%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.5237, 72.0309, -134.7523 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 35.5237, 72.0309, -134.7523 by changing the saturation by 10% instead.

35.5237, 72.0309,
-134.7523

35.5237, 72.0309,
-134.7523

144.3832, 91.5539,
-131.8631

26.7715, 69.7605,
-140.8593

55.3341, 76.8381,
-129.6467

18.8861, 67.9038,
-152.2998

66.2827, 79.1944,
-128.8544

11.9764, 67.2563,
-175.7607

77.8711, 81.4758,
-128.6818

4.9175, 94.3344,
-298.7346

90.0658, 83.6710,
-128.9183

0.0000, INF, -NF

0.0000, NaN, -NF

102.8379, 85.7759,
-129.4299

0.0000, NaN, -NF

116.1624, 87.7901,

0.0000, NaN, -NF

-130.1285

0.0000, NaN, -NF

130.0174, 89.7152,
-130.9536

■ 35.5237, 72.0309,
-134.7523

■ 35.5237, 72.0309,
-134.7523

■ 32.4717, 76.0388,
-151.4037

■ 39.9634, 64.6989,
-114.6028

■ 31.5241, 76.8884,
-157.1653

■ 45.6135, 55.5399,
-93.8954

■ 52.2435, 45.7409,
-74.3752

■ 59.6488, 35.9414,
-56.6541

■ 67.6701, 26.4022,
-40.7315

■ 76.1895, 17.1895,
-26.3744

■ 85.1203, 8.2859,
-13.3027

■ 94.3985, -0.3544,
-1.2597

■ 100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



35.5240, 14.3883, -209.3899



35.5237, 72.0309, -134.7523



35.5240, 120.3244, -38.7641

Triad

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



35.5240, 72.0329, -134.7505



35.5240, 32.4136, 24.8668



35.5240, -53.0872, -15.5076

Complementary

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



35.5237, 72.0309, -134.7523



89.4881, -52.0065, 53.1261

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.



35.5240, -51.9586, 20.0407



35.5237, 72.0309, -134.7523



35.5240, -15.6923, 24.8668

Square

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



35.5240, 72.0329, -134.7505



35.5240, 90.6849, 24.8668



35.5240, -42.0062, 24.8668



35.5240, -46.6414, -101.1337

Rectangle

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



35.5237, 72.0309, -134.7523



35.5240, 131.3209, 2.0165



35.5240, -42.0062, 24.8668



35.5240, -53.4559, 1.8506

Sweetspot

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



35.5240, 72.0329, -134.7505



76.0879, 17.2947, -26.5334



60.6129, -7.8609, -55.3312



33.8139, 9.4613, -14.5051

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



35.5240, 72.0329, -134.7505



31.5241, 76.8884, -157.1653



50.2131, 93.9130, -79.1244



42.1018, 1.2708, -2.5518



22.9628, 55.7532, -112.5145



7.5794, 17.8261, -32.6697

Inverse Universe

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



50.3843, 85.5342, -11.6211



48.6021, 88.0915, -6.2603



85.2390, -69.5152, 50.1461



42.6291, 2.7497, 0.4843



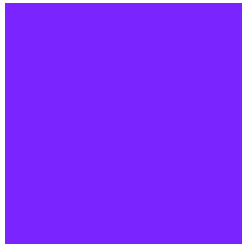
35.1753, 63.8327, -5.1300



11.0735, 20.2693, -2.9661

Previews

White Background



This preview shows how the HunterLab color 35.5237, 72.0309, -134.7523 looks on a white background.

Color Contrast Check

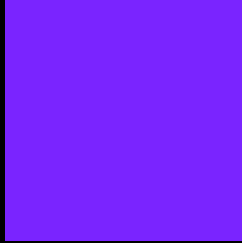
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 35.5237, 72.0309, -134.7523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

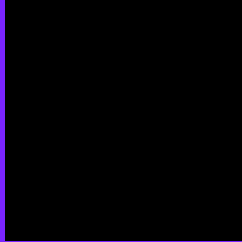
Any Text WCAG AA × Fail

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 35.5237, 72.0309, -134.7523 Background



This preview shows how black text looks on a background with the HunterLab color 35.5237, 72.0309, -134.7523.



This preview shows how white text looks on a background with the HunterLab color 35.5237, 72.0309, -134.7523.

-134.7523.

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

35.5237, 72.0309, -134.7523

Protanopia

35.5387, 12.3617, -71.1058

Deuteranopia

35.3289, -0.1961, -43.7348



Tritanopia

35.3413, -6.7093, -4.0573

Trichromacy



Original Color

35.5237, 72.0309, -134.7523

Protanomaly

32.6397, 33.3271, -103.5648

Deuteranomaly

32.0133, 24.4008, -83.3332

Tritanomaly

32.6374, 20.0708, -43.3412

Monochromacy



Original Color

35.5237, 72.0309, -134.7523

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

29.9695, 23.0045, -36.5575

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.5237, 72.0309, -134.7523 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(122, 36, 255)` looks like.

```
.text, #text, p{  
    color:rgb(122, 36, 255)  
}
```

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(122, 36, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 36, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 35.5237, 72.0309, -134.7523 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(122, 36, 255) }
```


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

```
.border{ border-color:rgb(122, 36, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 36, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 36, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 36, 255); box-shadow:4px 4px 4px 4px rgb(122, 36, 255) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.5237, 72.0309, -134.7523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 36, 255) }
```

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

```
.background{ background-color: rgb(122, 36,  
255) }
```

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