

Converting Colors

HunterLab(11.6164, 22.4695,
-45.4841)

Have a look what the booklet for
HunterLab(11.6164, 22.4695,
-45.4841) contains.

HunterLab(11.5888, 22.3329, -45.4503)	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(11.5888, 22.3329,
-45.4503)**

Conversions

Conversions Part 1

Format	Color
Hex	23095D
RGB	35, 9, 93
RGB Percent	14%, 4%, 36%
CMY	0.8627, 0.9647, 0.6353
CMYK	0.62, 0.90, 0.00, 0.64
HSL	259°, 82%, 20%
HSV	259°, 90%, 36%
XYZ	2.7666, 1.3430, 10.4693
YIQ	26.3500, -11.4680, 31.6360

Conversions

Conversions Part 2

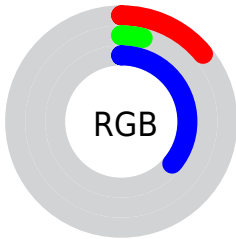
Format	Color
R_{YB}	35, 9, 93
Decimal	2296157
CIE _{Lab}	11.57, 34.96, -44.09
CIE _{LCh}	12, 56.263, 308.413
Yxy	1.3430, 0.1898, 0.0921
Android (android.graphics.Color)	4280486237 (0xFF23095D)
YUV	26.3500, 32.8585, 7.5860
Hunter-Lab	11.5888, 22.3329, -45.4503

Details

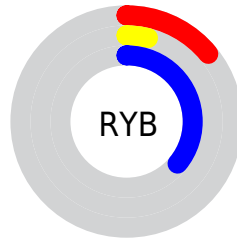
The HunterLab color **11.5888, 22.3329, -45.4503** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **30.0692, -15.3524, 17.7502**, and the grayscale version is **10.1757, -0.5430, 0.5529**.

A 20% lighter version of the original color is **26.1165, 25.5468, -43.3608**, and **5.1223, 9.3554, -26.5981** is the 20% darker color. If you saturate the color by 10%, you get **10.2395, 25.2535, -53.2125**, and if you desaturate by 10%, it is **13.0876, 19.7648, -38.5045**.

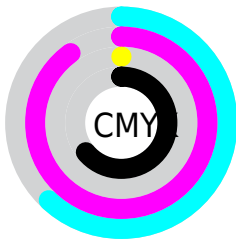
Distribution



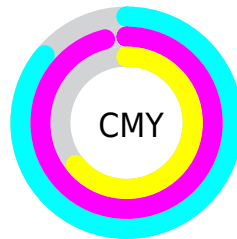
- Red (14%)
- Green (4%)
- Blue (36%)



- Red (14%)
- Yellow (4%)
- Blue (36%)



- Cyan (62%)
- Magenta (90%)
- Yellow (0%)
- Black (64%)



- Cyan (86%)
- Magenta (96%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.5888, 22.3329, -45.4503 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 11.5888, 22.3329, -45.4503 by changing the saturation by 10% instead.

■ 11.5888, 22.3329,
-45.4503

■ 11.5888, 22.3329,
-45.4503

■ 102.0411, 32.9036,
-47.4490

■ 4.1732, 36.8218,
-76.6619

■ 26.2637, 25.4918,
-43.2361

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 34.9658, 26.8995,
-43.5067

0.0000, NaN, NaN

■ 44.4605, 28.1753,
-44.0470

0.0000, NaN, NaN

■ 54.6865, 29.3278,
-44.7053

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 65.5948, 30.3673,
-45.4063

0.0000, NaN, NaN

■ 77.1451, 31.3041,


0.0000, NaN, NaN


-46.1104


 89.3036, 32.1470,
-46.7954


 11.5888, 22.3329,
-45.4503


 11.5888, 22.3329,
-45.4503

 10.2395, 25.2535,
-53.2125

 13.0876, 19.7648,
-38.5045

 14.9215, 16.8713,
-31.6589

 17.0258, 13.9216,
-25.3281

 19.3443, 11.0465,
-19.6274

 21.8344, 8.2896,
-14.5216

■ 24.4643, 5.6529,
-9.9242

■ 27.2109, 3.1227,
-5.7427

■ 30.0567, 0.6811,
-1.8954

■ 32.9886, -1.6895,
1.6853

Harmonies

Analogous

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



11.5889, 3.7557, -68.4161



11.5888, 22.3329, -45.4503



11.5889, 38.4524, -14.0153

Triad

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



11.5889, 22.3337, -45.4499



11.5889, 11.5479, 8.1122



11.5889, -20.2806, -3.9670

Complementary

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



11.5888, 22.3329, -45.4503



30.0692, -15.3524, 17.7502

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.



11.5889, -20.2806, 8.1122



11.5888, 22.3329, -45.4503



11.5889, -4.4278, 8.1122

Square

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



11.5889, 22.3337, -45.4499



11.5889, 30.3800, 8.1122



11.5889, -14.6681, 8.1122



11.5889, -18.1003, -30.9837

Rectangle

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



11.5888, 22.3329, -45.4503



11.5889, 42.5860, -0.1294



11.5889, -14.6681, 8.1122



11.5889, -20.2806, 1.3428

Sweetspot

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



11.5889, 22.3337, -45.4499



32.8906, 6.5527, -11.5640



22.2675, -5.7536, -13.9535



16.0888, 3.6412, -6.3963



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



11.5889, 22.3337, -45.4499



13.2198, 32.8693, -70.7590



15.9071, 29.0535, -28.2889



15.2042, 0.1591, -0.6678



12.0719, 29.9359, -63.9997



27.4880, 69.3493, -154.9116

Inverse Universe

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



17.1105, 28.7362, -7.3516



21.4546, 39.6344, -8.5607



28.3996, -22.1413, 16.5726



15.3993, 0.7499, 0.1448



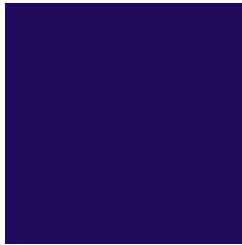
19.5200, 36.0808, -7.9457



45.4985, 83.7875, -16.1023

Previews

White Background



This preview shows how the HunterLab color 11.5888, 22.3329, -45.4503 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

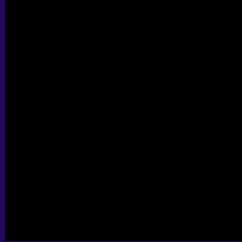
Any Text WCAG AA × Fail

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 11.5888, 22.3329, -45.4503 Background



This preview shows how black text looks on a background with the HunterLab color 11.5888, 22.3329, -45.4503.



This preview shows how white text looks on a background with the HunterLab color 11.5888, 22.3329, -45.4503.

-45.4503.

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

11.5888, 22.3329, -45.4503

Protanopia

11.9928, 1.7795, -18.8315

Deuteranopia

11.9978, -1.4981, -11.7623



Tritanopia

12.1228, -6.0815, -2.0241

Trichromacy



Original Color

11.5888, 22.3329, -45.4503

Protanomaly

11.2278, 8.9220, -29.0315

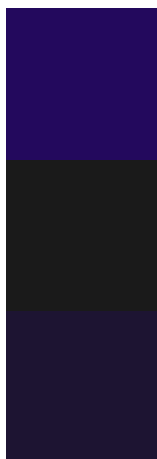
Deuteranomaly

11.0590, 6.7800, -24.1316

Tritanomaly

10.8867, 3.0394, -15.7727

Monochromacy



Original Color

11.5888, 22.3329, -45.4503

Achromatopsia

10.1636, -0.5423, 0.5522

Achromatomaly

9.9590, 6.4562, -11.7154

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.5888, 22.3329, -45.4503 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(35, 9, 93)` looks like.

```
.text, #text, p{  
    color:rgb(35, 9, 93)  
}
```

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(35, 9, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 9, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 11.5888, 22.3329, -45.4503 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(35, 9, 93) }
```


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

```
.border{ border-color:rgb(35, 9, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 9, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 9, 93); -webkit-box-shadow:4px  
4px 4px 4px rgb(35, 9, 93); box-shadow:4px  
4px 4px 4px rgb(35, 9, 93) }
```

Background

The CSS property to change the background color of an element to HunterLab 11.5888, 22.3329, -45.4503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 9, 93) }
```

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

```
.background{ background-color: rgb(35, 9,  
93) }
```

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