

Converting Colors

HunterLab(33.9995, 20.1090,
-45.8847)

Have a look what the booklet for
HunterLab(33.9995, 20.1090,
-45.8847) contains.

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Color

**HunterLab(33.9995, 20.1090,
-45.8847)**

Conversions

Conversions Part 1

Format	Color
Hex	5F53AB
RGB	95, 83, 171
RGB Percent	37%, 33%, 67%
CMY	0.6274, 0.6745, 0.3294
CMYK	0.44, 0.51, 0.00, 0.33
HSL	248°, 35%, 50%
HSV	248°, 51%, 67%
XYZ	15.1632, 11.5597, 39.9601
YIQ	96.6200, -21.0960, 29.9120

Conversions

Conversions Part 2

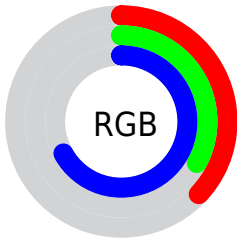
Format	Color
R _Y B	95, 83, 171
Decimal	6247339
CIE Lab	40.51, 27.61, -45.76
CIE LCh	41, 53.449, 301.104
Yxy	11.5601, 0.2274, 0.1734
Android (android.graphics.Color)	4284437419 (0xFF5F53AB)
YUV	96.6200, 36.6693, -1.4207
Hunter-Lab	33.9995, 20.1090, -45.8847

Details

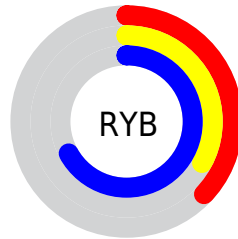
The HunterLab color **33.9995, 20.1090, -45.8847** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **60.9272, -17.4943, 29.2729**, and the grayscale version is **34.3061, -1.8305, 1.8639**.

A 20% lighter version of the original color is **53.6704, 21.9174, -46.8271**, and **17.7351, 17.6589, -46.0614** is the 20% darker color. If you saturate the color by 10%, you get **29.2249, 25.9454, -59.7019**, and if you desaturate by 10%, it is **39.2102, 14.7799, -33.8390**.

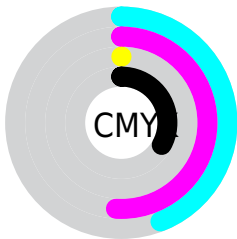
Distribution



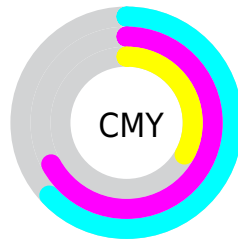
- Red (37%)
- Green (33%)
- Blue (67%)



- Red (37%)
- Yellow (33%)
- Blue (67%)



- Cyan (44%)
- Magenta (51%)
- Yellow (0%)
- Black (33%)



- Cyan (63%)
- Magenta (67%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.9995, 20.1090, -45.8847 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 33.9995, 20.1090, -45.8847 by changing the saturation by 10% instead.

■ 33.9995, 20.1090,
-45.8847

■ 33.9995, 20.1090,
-45.8847

■ 141.9403, 25.4076,
-51.6457

■ 25.3867, 19.0050,
-45.7403

■ 53.5642, 21.9301,
-47.0050

■ 17.6562, 17.7536,
-46.3567

■ 64.4019, 22.6743,
-47.7081

■ 10.9240, 16.3611,
-48.8832

■ 75.8856, 23.3231,
-48.4277

■ 2.3719, 50.5992,
-137.4764

■ 87.9807, 23.8856,
-49.1371

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 100.6578, 24.3693,
-49.8207

0.0000, NaN, NaN

113.8914, 24.7807,

0.0000, NaN, NaN

-50.4697

0.0000, NaN, NaN

127.6589, 25.1252,
-51.0790

■ 33.9995, 20.1090,
-45.8847

■ 33.9995, 20.1090,
-45.8847

■ 29.2249, 25.9454,
-59.7019

■ 39.2102, 14.7799,
-33.8390

■ 25.0203, 32.2066,
-75.3182

■ 44.7607, 9.9037,
-23.2799

■ 21.5716, 38.4555,
-91.9305

■ 50.5859, 5.3943,
-13.8925

■ 19.0909, 43.6458,
-107.1283

■ 56.6394, 1.1705,
-5.4099

■ 17.6813, 46.9086,
-117.4791

■ 62.8877, -2.8347,
2.3773

■ 69.3056, -6.6737,
9.6285

■ 75.8739, -10.3867,
16.4642

■ 82.5775, -14.0044,
22.9757

■ 89.4044, -17.5503,
29.2327

Harmonies

Analogous

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



34.0001, -1.0812, -57.6988



33.9995, 20.1090, -45.8847



34.0001, 38.2269, -20.6416

Triad

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



34.0001, 20.1092, -45.8836



34.0001, 18.5487, 20.7191



34.0001, -32.0626, 1.1473

Complementary

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



33.9995, 20.1090, -45.8847



60.9272, -17.4943, 29.2729

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.



34.0001, -29.0843, 15.0881



33.9995, 20.1090, -45.8847



34.0001, -2.5445, 21.7798

Square

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



34.0001, 20.1092, -45.8836



34.0001, 37.1908, 15.7231



34.0001, -19.2935, 20.5272



34.0001, -28.6043, -22.5990

Rectangle

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



33.9995, 20.1090, -45.8847



34.0001, 44.4233, -4.2229



34.0001, -19.2935, 20.5272



34.0001, -31.7876, 6.9765

Sweetspot

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



34.0001, 20.1092, -45.8836



72.6839, 3.6777, -11.4346



54.4680, -18.7573, -8.7046



33.5399, 2.2823, -6.4944



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



34.0001, 20.1092, -45.8836



38.1326, 36.0603, -83.1583



38.2009, 31.4948, -35.7075



27.9422, 0.1416, -1.7762



15.3973, 40.7635, -101.6396



2.8611, 7.0548, -14.8571

Inverse Universe

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



41.6507, 39.1632, -20.3406



51.1955, 64.0374, -32.8308



57.8044, -29.4241, 26.7095



28.5114, 2.0020, -0.4934



28.5248, 54.4931, -25.3152



4.8108, 9.2752, -4.9265

Previews

White Background



This preview shows how the HunterLab color 33.9995, 20.1090, -45.8847 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 33.9995, 20.1090, -45.8847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

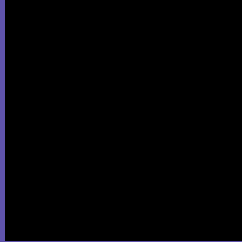
Any Text WCAG AA × Fail

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 33.9995, 20.1090, -45.8847 Background



This preview shows how black text looks on a background with the HunterLab color 33.9995, 20.1090, -45.8847.



This preview shows how white text looks on a background with the HunterLab color 33.9995, 20.1090, -45.8847.

-45.8847.

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

33.9995, 20.1090, -45.8847

Protanopia

34.0512, 10.3398, -54.9553

Deuteranopia

34.2051, 2.6057, -43.0914



Tritanopia

34.0660, -5.8676, -3.3209

Trichromacy



Original Color

33.9995, 20.1090, -45.8847

Protanomaly

33.7773, 12.8795, -51.9736

Deuteranomaly

33.7040, 7.8519, -45.1254

Tritanomaly

33.6530, 2.6341, -16.4248

Monochromacy



Original Color

33.9995, 20.1090, -45.8847

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

34.0534, 4.8233, -12.1325

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.9995, 20.1090, -45.8847 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, 83, 171)` looks like.

```
.text, #text, p{  
    color:rgb(95, 83, 171)  
}
```

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, 83, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 83, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 33.9995, 20.1090, -45.8847 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, 83, 171) }
```


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

```
.border{ border-color:rgb(95, 83, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 83, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 83, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 83, 171);  
box-shadow:4px 4px 4px 4px rgb(95, 83,  
171) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.9995, 20.1090, -45.8847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 83, 171) }
```

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

```
.background{ background-color: rgb(95, 83,  
171) }
```

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](#).

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