

Converting Colors

HunterLab(43.9051, -6.6695,
-25.9108)

Have a look what the booklet for
HunterLab(43.9051, -6.6695,
-25.9108) contains.

HunterLab(43.9495, -6.7188, -25.6892)	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(43.9495, -6.7188,
-25.6892)**

Conversions

Conversions Part 1

Format	Color
Hex	427FAC
RGB	66, 127, 172
RGB Percent	26%, 50%, 67%
CMY	0.7412, 0.5020, 0.3255
CMYK	0.62, 0.26, 0.00, 0.33
HSL	205°, 45%, 47%
HSV	205°, 62%, 67%
XYZ	17.2826, 19.3156, 41.8472
YIQ	113.8910, -50.8010, 1.0630

Conversions

Conversions Part 2

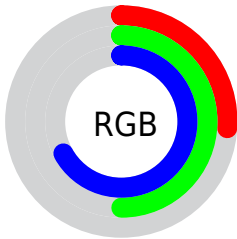
Format	Color
R_{YB}	66, 105, 172
Decimal	4358060
CIE _{Lab}	51.06, -5.76, -29.80
CIE _{LCh}	51, 30.352, 259.056
Yxy	19.3163, 0.2203, 0.2462
Android (android.graphics.Color)	4282548140 (0xFF427FAC)
YUV	113.8910, 28.6477, -42.0004
Hunter-Lab	43.9495, -6.7188, -25.6892

Details

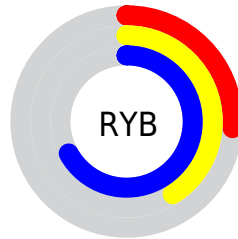
The HunterLab color $43.9495, -6.7188, -25.6892$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $45.3146, 13.9858, 21.4224$, and the grayscale version is $40.8873, -2.1816, 2.2215$.

A 20% lighter version of the original color is $65.1574, -8.5726, -26.7896$, and $26.0398, -4.0689, -23.7639$ is the 20% darker color. If you saturate the color by 10%, you get $41.2160, -5.5015, -30.8449$, and if you desaturate by 10%, it is $46.8629, -7.3573, -20.6323$.

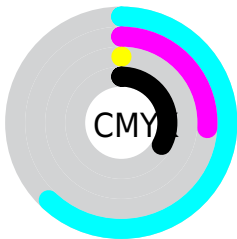
Distribution



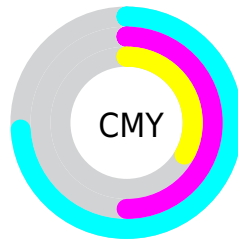
- Red (26%)
- Green (50%)
- Blue (67%)



- Red (26%)
- Yellow (41%)
- Blue (67%)



- Cyan (62%)
- Magenta (26%)
- Yellow (0%)
- Black (33%)



- Cyan (74%)
- Magenta (50%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 43.9495, -6.7188, -25.6892 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 43.9495, -6.7188, -25.6892 by changing the saturation by 10% instead.

■ 43.9495, -6.7188,
-25.6892

■ 43.9495, -6.7188,
-25.6892

157.5402,
-15.1814, -28.8322

■ 34.4950, -5.8604,
-25.1098

■ 65.0137, -8.4761,
-26.7511

■ 25.8359, -5.0105,
-24.5498

■ 76.5317, -9.3792,
-27.2088

■ 18.0545, -4.1613,
-24.1167

■ 88.6594, -10.3001,
-27.6121

■ 11.2639, -3.2966,
-24.1216

■ 101.3676,
-11.2392, -27.9605

■ 3.4178, -5.9812,
-46.6054

■ 114.6309,
-12.1968, -28.2551

0.0000, NaN, -NF

128.4270,

0.0000, NaN, NaN

-13.1730, -28.4974

0.0000, NaN, NaN

142.7360,
-14.1679, -28.6891

0.0000, NaN, NaN

■ 43.9495, -6.7188,
-25.6892

■ 43.9495, -6.7188,
-25.6892

■ 41.2160, -5.5015,
-30.8449

■ 46.8629, -7.3573,
-20.6323

■ 38.6726, -3.6663,
-36.0725

■ 49.9401, -7.4687,
-15.6954

■ 36.3288, -1.1980,
-41.3339

■ 53.1681, -7.1072,
-10.8867

■ 34.4941, 1.2485,
-45.8098

■ 56.5341, -6.3259,
-6.2075

■ 60.0261, -5.1740,
-1.6543

■ 63.6335, -3.6955,
2.7800

■ 67.3468, -1.9292,
7.1041

■ 71.1574, 0.0911,
11.3277

■ 75.0580, 2.3362,
15.4605

Harmonies

Analogous

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



43.9503, -16.7062, -18.0553



43.9495, -6.7188, -25.6892



43.9503, 5.5882, -24.4037

Triad

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



43.9503, -6.7186, -25.6883



43.9503, 22.1327, 9.0808



43.9503, -18.7210, 14.6612

Complementary

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



43.9495, -6.7188, -25.6892



45.3146, 13.9858, 21.4224

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.



43.9503, -9.7572, 18.7062



43.9495, -6.7188, -25.6892



43.9503, 14.1300, 16.1456

Square

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



43.9503, -6.7186, -25.6883



43.9503, 23.1757, -2.0648



43.9503, 2.2016, 19.1628



43.9503, -23.1148, 6.4266

Rectangle

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



43.9495, -6.7188, -25.6892



43.9503, 13.4547, -18.7378



43.9503, 2.2016, 19.1628



43.9503, -16.1909, 16.4476

Sweetspot

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



43.9503, -6.7186, -25.6883



77.6806, -8.0602, -6.3175



56.3856, -35.9191, 18.5528



35.5997, -3.9427, -3.7602



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.



43.9503, -6.7186, -25.6883



54.2149, -6.5941, -44.1425



30.2446, 19.0678, -57.5423



29.1439, -2.3273, -0.2957



29.9413, 0.7538, -39.0513



5.9567, -1.4124, -4.3965

Inverse Universe

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



37.6832, 42.0212, -7.6365



46.1541, 67.0439, -9.6046



59.5132, -10.7968, 31.3469



28.4424, 1.6320, 0.4873



26.8478, 48.5150, -2.3207



4.5953, 8.5135, -2.0230

Previews

White Background



This preview shows how the HunterLab color 43.9495, -6.7188, -25.6892 looks on a white 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

Black Background



This preview shows how the HunterLab color 43.9495, -6.7188, -25.6892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

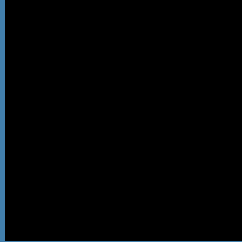
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 43.9495, -6.7188, -25.6892 Background



This preview shows how black text looks on a background with the HunterLab color 43.9495, -6.7188, -25.6892.

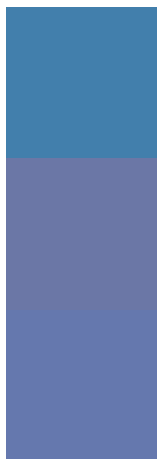


This preview shows how white text looks on a background with the HunterLab color 43.9495, -6.7188, -25.6892.

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

43.9495, -6.7188, -25.6892

Protanopia

43.6722, 3.4517, -22.0068

Deuteranopia

43.8812, 3.4381, -27.0063



Tritanopia

43.8358, -17.1579, -8.4371

Trichromacy



Original Color

43.9495, -6.7188, -25.6892

Protanomaly

43.6137, -0.8493, -23.5017

Deuteranomaly

43.8837, -0.9350, -26.3903

Tritanomaly

43.7815, -13.4121, -14.6580

Monochromacy



Original Color

43.9495, -6.7188, -25.6892

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

41.8142, -5.3007, -6.8286

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 43.9495, -6.7188, -25.6892 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(66, 127, 172)` looks like.

```
.text, #text, p{  
    color:rgb(66, 127, 172)  
}
```

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(66, 127, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 127, 172) }
```

Border

The CSS property to change the border of an element to HunterLab 43.9495, -6.7188, -25.6892 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(66, 127, 172) }
```


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

```
.border{ border-color:rgb(66, 127, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 127, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 127, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 127, 172);  
box-shadow:4px 4px 4px 4px rgb(66, 127,  
172) }
```

Background

The CSS property to change the background color of an element to HunterLab 43.9495, -6.7188, -25.6892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 127, 172) }
```

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

```
.background{ background-color: rgb(66, 127,  
172) }
```

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