

Converting Colors

HunterLab(27.7289, 20.0714,
-76.0383)

Have a look what the booklet for
HunterLab(27.7289, 20.0714,
-76.0383) contains.

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Color

**HunterLab(27.7233, 20.0539,
-76.0587)**

Conversions

Conversions Part 1

Format	Color
Hex	0E45B5
RGB	14, 69, 181
RGB Percent	5%, 27%, 71%
CMY	0.9450, 0.7294, 0.2902
CMYK	0.92, 0.62, 0.00, 0.29
HSL	220°, 86%, 38%
HSV	220°, 92%, 71%
XYZ	10.6497, 7.6858, 44.6383
YIQ	65.3230, -68.7320, 23.1720

Conversions

Conversions Part 2

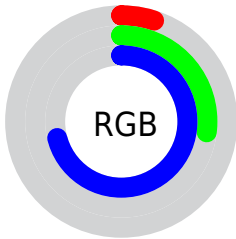
Format	Color
R_{YB}	14, 55, 181
Decimal	935349
CIE _{Lab}	33.32, 28.46, -63.54
CIE _{LCh}	33, 69.625, 294.131
Yxy	7.6860, 0.1691, 0.1220
Android (android.graphics.Color)	4279125429 (0xFF0E45B5)
YUV	65.3230, 57.0288, -45.0103
Hunter-Lab	27.7233, 20.0539, -76.0587

Details

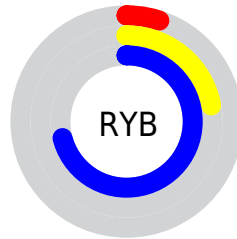
The HunterLab color **27.7233, 20.0539, -76.0587** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **49.7846, 8.2512, 30.3255**, and the grayscale version is **22.9315, -1.2236, 1.2459**.

A 20% lighter version of the original color is **46.3001, 22.0021, -74.6679**, and **15.3714, 22.4066, -67.5824** is the 20% darker color. If you saturate the color by 10%, you get **25.5441, 24.7222, -85.2961**, and if you desaturate by 10%, it is **30.9049, 14.6084, -64.5691**.

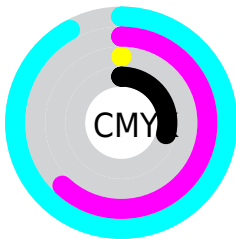
Distribution



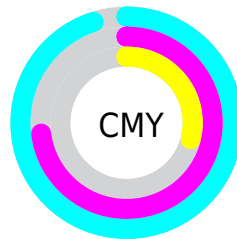
- Red (5%)
- Green (27%)
- Blue (71%)



- Red (5%)
- Yellow (22%)
- Blue (71%)



- Cyan (92%)
- Magenta (62%)
- Yellow (0%)
- Black (29%)



- Cyan (95%)
- Magenta (73%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.7233, 20.0539, -76.0587 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 27.7233, 20.0539, -76.0587 by changing the saturation by 10% instead.

■ 27.7233, 20.0539,
-76.0587

■ 27.7233, 20.0539,
-76.0587

■ 131.6236, 26.2536,
-79.6767

■ 19.7349, 18.8076,
-78.8145

■ 46.1958, 22.1334,
-74.8188

■ 12.7076, 17.4161,
-85.4155

■ 56.5442, 22.9905,
-75.1030

■ 6.0627, 20.6252,
-116.6772

■ 67.5674, 23.7432,
-75.6551

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 79.2262, 24.4021,
-76.3606

0.0000, NaN, -NF

■ 91.4878, 24.9758,
-77.1511

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 104.3239, 25.4717,

-77.9839

0.0000, NaN, NaN

117.7097, 25.8958,
-78.8318

■ 27.7233, 20.0539,
-76.0587

■ 27.7233, 20.0539,
-76.0587

■ 25.5441, 24.7222,
-85.2961

■ 30.9049, 14.6084,
-64.5691

■ 34.4941, 10.0457,
-53.7107

■ 38.4272, 6.3417,
-43.6609

■ 42.6491, 3.3998,
-34.4338

■ 47.1147, 1.1057,
-25.9621

■ 51.7882, -0.6485,
-18.1486

■ 56.6412, -1.9558,
-10.8928

■ 61.6514, -2.8931,
-4.1032

■ 66.8007, -3.5226,
2.2995

Harmonies

Analogous

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



27.7236, -6.0498, -87.5126



27.7233, 20.0539, -76.0587



27.7236, 46.7881, -38.5840

Triad

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



27.7236, 20.0555, -76.0580



27.7236, 31.1264, 19.2529



27.7236, -34.1018, 5.6385

Complementary

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



27.7233, 20.0539, -76.0587



49.7846, 8.2512, 30.3255

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.



27.7236, -29.8708, 16.8864



27.7233, 20.0539, -76.0587



27.7236, 3.4048, 19.4065

Square

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



27.7236, 20.0555, -76.0580



27.7236, 54.5569, 14.1371



27.7236, -17.9575, 19.4065



27.7236, -32.3064, -23.1514

Rectangle

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



27.7233, 20.0539, -76.0587



27.7236, 58.4469, -13.4040



27.7236, -17.9575, 19.4065



27.7236, -33.4002, 11.0395

Sweetspot

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



27.7236, 20.0555, -76.0580



71.7361, -1.5938, -20.5351



58.8481, -41.0177, 15.8801



32.0808, -0.3585, -11.5131



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



27.7236, 20.0555, -76.0580



33.6389, 34.5663, -116.6644



20.3478, 47.2648, -114.0164



29.4483, -1.4491, -1.0191



21.4777, 19.8116, -69.6129



5.0459, 0.7930, -8.0189

Inverse Universe

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



32.5090, 54.5051, 10.7179



42.5832, 74.1911, 17.7019



63.1417, -26.3312, 38.0556



29.2402, 1.3776, 1.3397



26.4685, 46.2102, 10.2649



4.8113, 8.6218, 0.1448

Previews

White Background



This preview shows how the HunterLab color 27.7233, 20.0539, -76.0587 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 27.7233, 20.0539, -76.0587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

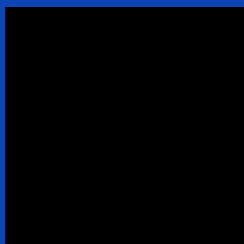
Any Text WCAG AA × Fail

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 27.7233, 20.0539, -76.0587 Background



This preview shows how black text looks on a background with the HunterLab color 27.7233, 20.0539, -76.0587.



This preview shows how white text looks on a background with the HunterLab color 27.7233, 20.0539, -76.0587.

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

27.7233, 20.0539, -76.0587

Protanopia

27.4506, 9.0157, -53.7732

Deuteranopia

27.4654, -0.0750, -34.1675



Tritanopia

27.5483, -13.6091, -5.0548

Trichromacy



Original Color

27.7233, 20.0539, -76.0587

Protanomaly

27.5452, 12.8412, -61.4943

Deuteranomaly

27.3881, 6.7965, -48.2456

Tritanomaly

26.8790, -3.4122, -25.5591

Monochromacy



Original Color

27.7233, 20.0539, -76.0587

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

23.5347, 2.2645, -20.5011

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.7233, 20.0539, -76.0587 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(14, 69, 181)` looks like.

```
.text, #text, p{  
    color:rgb(14, 69, 181)  
}
```

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(14, 69, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 69, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 27.7233, 20.0539, -76.0587 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(14, 69, 181) }
```


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

```
.border{ border-color:rgb(14, 69, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 69, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 69, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 69, 181);  
box-shadow:4px 4px 4px 4px rgb(14, 69,  
181) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.7233, 20.0539, -76.0587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 69, 181) }
```

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

```
.background{ background-color: rgb(14, 69,  
181) }
```

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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