

Converting Colors

HunterLab(45.3766, 10.9637,
-75.5365)

Have a look what the booklet for
HunterLab(45.3766, 10.9637,
-75.5365) contains.

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Color

**HunterLab(45.4041, 10.9099,
-75.4576)**

Conversions

Conversions Part 1

Format	Color
Hex	257BEC
RGB	37, 123, 236
RGB Percent	15%, 48%, 93%
CMY	0.8548, 0.5176, 0.0745
CMYK	0.84, 0.48, 0.00, 0.07
HSL	214°, 84%, 54%
HSV	214°, 84%, 93%
XYZ	22.9862, 20.6153, 82.1244
YIQ	110.1680, -87.5290, 16.9110

Conversions

Conversions Part 2

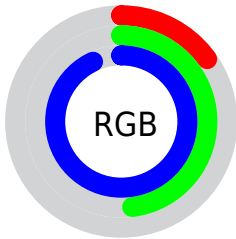
Format	Color
R_{YB}	37, 97, 236
Decimal	2456556
CIE _{Lab}	52.53, 16.15, -63.91
CIE _{LCh}	53, 65.914, 284.180
Yxy	20.6159, 0.1828, 0.1640
Android (android.graphics.Color)	4280646636 (0xFF257BEC)
YUV	110.1680, 62.0352, -64.1683
Hunter-Lab	45.4041, 10.9099, -75.4576

Details

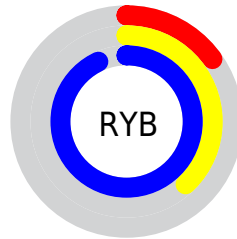
The HunterLab color $45.4041, 10.9099, -75.4576$ is a dark color, and the websafe version is hex $0066CC$. The color can be described as dark washed azure. A complement of this color would be $63.0765, 19.3284, 37.5589$, and the grayscale version is $39.3488, -2.0996, 2.1379$.

A 20% lighter version of the original color is $64.5460, -0.3564, -47.1371$, and $28.7869, 15.6781, -69.8256$ is the 20% darker color. If you saturate the color by 10%, you get $41.4852, 17.0927, -87.5539$, and if you desaturate by 10%, it is $49.7577, 5.8468, -63.7972$.

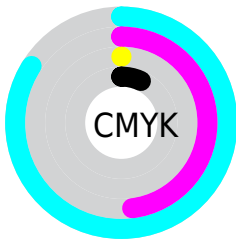
Distribution



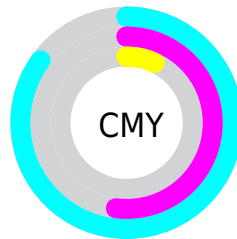
- Red (15%)
- Green (48%)
- Blue (93%)



- Red (15%)
- Yellow (38%)
- Blue (93%)



- Cyan (84%)
- Magenta (48%)
- Yellow (0%)
- Black (7%)



- Cyan (85%)
- Magenta (52%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.4041, 10.9099, -75.4576 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 45.4041, 10.9099, -75.4576 by changing the saturation by 10% instead.

■ 45.4041, 10.9099,
-75.4576

■ 45.4041, 10.9099,
-75.4576

159.7592, 11.1395,
-81.8789

■ 35.8379, 10.5242,
-75.7194

■ 66.6689, 11.4142,
-76.2248

■ 27.0571, 10.0276,
-76.9074

■ 78.2786, 11.5505,
-76.9166

■ 19.1405, 9.4011,
-79.9350

■ 90.4934, 11.6201,
-77.7005

■ 12.1951, 8.6168,
-87.1669

■ 103.2848, 11.6288,
-78.5316

■ 5.2887, 13.0213,
-130.6515

■ 116.6278, 11.5813,
-79.3810

0.0000, NaN, -NF

0.0000, NaN, -NF

130.5006, 11.4818,

-80.2297

0.0000, NaN, -NF

144.8835, 11.3335,
-81.0652

0.0000, NaN, NaN

■ 45.4041, 10.9099,
-75.4576

■ 45.4041, 10.9099,
-75.4576

■ 41.4852, 17.0927,
-87.5539

■ 49.7577, 5.8468,
-63.7972

■ 39.4387, 21.0019,
-94.6320

■ 54.4994, 1.8744,
-52.7178

■ 59.5831, -1.1026,
-42.2714

■ 64.9660, -3.2063,
-32.4483

■ 70.6112, -4.5586,
-23.2033

■ 76.4874, -5.2703,
-14.4756

■ 82.5686, -5.4374,
-6.2009

■ 88.8328, -5.1407,
1.6826

■ 95.2619, -4.4474,
9.2310

Harmonies

Analogous

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



45.4047, -15.6463, -74.5958



45.4041, 10.9099, -75.4576



45.4047, 39.3945, -48.6639

Triad

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



45.4047, 10.9113, -75.4564



45.4047, 40.7937, 25.0907



45.4047, -42.1520, 13.9146

Complementary

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



45.4041, 10.9099, -75.4576



63.0765, 19.3284, 37.5589

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.



45.4047, -33.0659, 25.4548



45.4041, 10.9099, -75.4576



45.4047, 12.5066, 28.8694

Square

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



45.4047, 10.9113, -75.4564



45.4047, 59.1723, 12.9216



45.4047, -14.3803, 28.9467



45.4047, -42.3872, -11.2633

Rectangle

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



45.4041, 10.9099, -75.4576



45.4047, 53.9468, -24.5079



45.4047, -14.3803, 28.9467



45.4047, -40.1467, 19.0672

Sweetspot

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



45.4047, 10.9113, -75.4564



82.9974, -5.7159, -16.5415



79.1074, -56.6505, 26.1986



37.3416, -2.5434, -9.1872

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



45.4047, 10.9113, -75.4564



42.9090, 23.2754, -103.8774



28.4009, 57.9749, -147.1516



39.5215, -2.4691, -1.0770



29.6984, 14.6621, -68.7718



9.3833, 1.9271, -15.8883

Inverse Universe

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



45.3735, 73.3529, 4.7566



47.3179, 83.4210, 12.0669



87.0465, -27.8996, 51.9558



38.9386, 2.1585, 1.2911



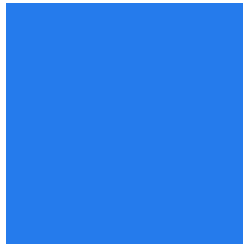
32.2230, 56.9001, 7.5094



9.1340, 16.3256, 0.6048

Previews

White Background



This preview shows how the HunterLab color 45.4041, 10.9099, -75.4576 looks on a white background.

Color Contrast Check

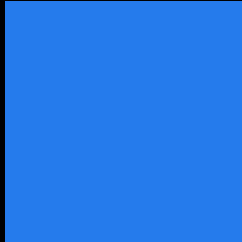
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.4041, 10.9099, -75.4576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

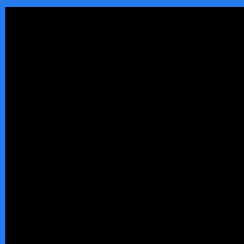
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

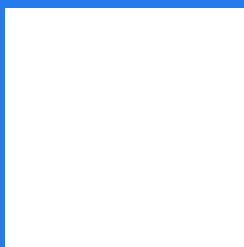
Any Text WCAG AAA × Fail

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

HunterLab 45.4041, 10.9099, -75.4576 Background



This preview shows how black text looks on a background with the HunterLab color 45.4041, 10.9099, -75.4576.



This preview shows how white text looks on a background with the HunterLab color 45.4041, 10.9099, -75.4576.

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

45.4041, 10.9099, -75.4576

Protanopia

45.4400, 13.4214, -72.3530

Deuteranopia

45.2841, 3.1703, -63.4449



Tritanopia

45.0722, -21.7142, -9.4616

Trichromacy



Original Color

45.4041, 10.9099, -75.4576

Protanomaly

45.4355, 12.1516, -73.3681

Deuteranomaly

45.3968, 5.6063, -67.7902

Tritanomaly

44.8953, -11.8044, -29.5671

Monochromacy



Original Color

45.4041, 10.9099, -75.4576

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

40.6211, -2.1025, -20.9138

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.4041, 10.9099, -75.4576 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(37, 123, 236)` looks like.

```
.text, #text, p{  
    color:rgb(37, 123, 236)  
}
```

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(37, 123, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 123, 236) }
```

Border

The CSS property to change the border of an element to HunterLab 45.4041, 10.9099, -75.4576 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(37, 123, 236) }
```


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

```
.border{ border-color:rgb(37, 123, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 123, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 123, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 123, 236);  
box-shadow:4px 4px 4px 4px rgb(37, 123,  
236) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.4041, 10.9099, -75.4576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 123, 236) }
```

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

```
.background{ background-color: rgb(37, 123,  
236) }
```

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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